

Phrynosoma
platyrhinos

Phrynosoma
platyrhinos

No. 14-4 Date 10/59

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	19 62.7	
2	19 62.7	
3	21 69.3	
4	17 56.1	
5	23 75.9	
6	18 59.4	
7	22 72.6	
8	20 66.0	
9	20 66.0	
10	20 66.0	
T	656.7	
\bar{x}	65.7	

Sertoli Cells: seen

Remarks: _____

Spermatogenic Condition

1 2 3 4 5 6 7 8 9 10 T Σ	Interstitial Cell Seminiferous nuclear diam.	tubule diam.	Seminiferous epith. height
		62.7	
		64.7	
		61.3	
		55.1	
		57.9	
		57.4	
		58.2	
		57.0	
		56.0	
		55.0	
		52.5	
		52.7	

Sertoli Cells:

Remarks:

No. 14-5 Date 10/5/59

Spermatogenic Condition 6

Interstitial Cell ⁽³⁾ nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	3 6.3	52	171.6	9	29.7
2	3 6.3	53	174.9	11	36.3
3	3 6.3	51	168.3	15	49.5
4		57	168.3	16	52.8
5		53	174.9	15	49.5
6		58	191.4	11	36.3
7		47	155.1	15	49.5
8		47	155.1	12	39.6
9		53	174.9	11	36.3
10		53	174.9	13	42.9
T		1709.4		422.4	
\bar{x} 6.3		170.9		42.2	

Sertoli Cells: seen

Remarks: circular IC cells

No. _____ Date _____

Spermatogenic Condition _____

nuclear diam.	Interstitial Cell Seminitious	tubule diam.	Seminitious epith. height
1	2.3	101.6	2.9
2	2.3	104.9	3.3
3	2.3	108.3	4.9
4	2.3	108.3	5.8
5	2.3	104.9	4.9
6	2.3	101.6	3.3
7	2.3	101.6	2.9
8	2.3	104.9	3.3
9	2.3	104.9	3.3
10	2.3	104.9	3.3
T	100.7	100.7	3.3
\bar{x}	2.3	100.7	3.3

Sertoli Cells: _____

Remarks: _____

No. 14-6. Date 01/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	14 - 46.2	
2	14 46.2	
3	12 39.6	
4	12 39.6	
5	15 49.5	
6	12 39.6	
7	15 49.5	
8	11 36.3	
9	14 46.2	
10	18 59.4	
T	452.1	
\bar{x}	45.2	

Sertoli Cells: seen

Remarks: _____

No. 14-7. Date V. 11/59

Spermatogenic Condition 8

Interstitial Cell		Seminiferous		Seminiferous
nuclear diam.		tubule diam.		epith. height
1	3 - 6.3	28	92.4	
2	2 4.2	30	99.0	
3	3 6.3	28	92.4	
4		28	92.4	
5		31	102.3	
6		25	82.5	
7		24	79.2	
8		28	92.4	
9		21	69.3	
10		29	95.7	
T 16.8		897.6		
\bar{x} 5.6		89.8		

Sertoli Cells: seen

Remarks: _____

No. 14-8. Date 11/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	16 - 52.8	
2	13 42.9	
3	16 52.8	
4	13 42.9	
5	12 39.6	
6	13 42.9	
7	13 42.9	
8	14 46.2	
9	14 46.2	
10	14 46.2	
T	455.4	
\bar{x}	45.5	

Sertoli Cells: seen

Remarks: _____

	Interstitial Cell Seminiferous tubule diam.		Seminiferous epith. height
1	40.5	40.5	
2	40.7	40.7	
3	40.8	40.8	
4	40.7	40.7	
5	40.6	40.6	
6	40.7	40.7	
7	40.7	40.7	
8	40.5	40.5	
9	40.2	40.2	
10	40.5	40.5	
T	40.5		
\bar{x}	40.7		

Sertoli Cells: absent

Remarks: _____

Project Name Date

Project Details		Financial Summary		Status & Notes	
ID	Description	Budget	Actual	Progress	Remarks
001	Item 1	100	100	100%	Completed
002	Item 2	200	180	90%	On Track
003	Item 3	150	160	105%	Over Budget
004	Item 4	300	250	83%	Minor Delay
005	Item 5	120	110	92%	Good
006	Item 6	180	170	94%	On Schedule
007	Item 7	250	220	88%	Watch
008	Item 8	90	90	100%	Final
009	Item 9	110	105	95%	Almost Done
010	Item 10	130	120	92%	Good
011	Item 11	160	150	94%	On Track
012	Item 12	140	130	93%	Good
013	Item 13	170	160	94%	On Track
014	Item 14	190	180	95%	Good
015	Item 15	210	200	95%	Good
016	Item 16	230	220	96%	Good
017	Item 17	250	240	96%	Good
018	Item 18	270	260	96%	Good
019	Item 19	290	280	97%	Good
020	Item 20	310	300	97%	Good
021	Item 21	330	320	97%	Good
022	Item 22	350	340	97%	Good
023	Item 23	370	360	97%	Good
024	Item 24	390	380	97%	Good
025	Item 25	410	400	98%	Good
026	Item 26	430	420	98%	Good
027	Item 27	450	440	98%	Good
028	Item 28	470	460	98%	Good
029	Item 29	490	480	98%	Good
030	Item 30	510	500	98%	Good
031	Item 31	530	520	98%	Good
032	Item 32	550	540	98%	Good
033	Item 33	570	560	98%	Good
034	Item 34	590	580	98%	Good
035	Item 35	610	600	98%	Good
036	Item 36	630	620	98%	Good
037	Item 37	650	640	98%	Good
038	Item 38	670	660	98%	Good
039	Item 39	690	680	98%	Good
040	Item 40	710	700	98%	Good
041	Item 41	730	720	98%	Good
042	Item 42	750	740	98%	Good
043	Item 43	770	760	98%	Good
044	Item 44	790	780	98%	Good
045	Item 45	810	800	98%	Good
046	Item 46	830	820	98%	Good
047	Item 47	850	840	98%	Good
048	Item 48	870	860	98%	Good
049	Item 49	890	880	98%	Good
050	Item 50	910	900	98%	Good
051	Item 51	930	920	98%	Good
052	Item 52	950	940	98%	Good
053	Item 53	970	960	98%	Good
054	Item 54	990	980	99%	Good
055	Item 55	1010	1000	99%	Good
056	Item 56	1030	1020	99%	Good
057	Item 57	1050	1040	99%	Good
058	Item 58	1070	1060	99%	Good
059	Item 59	1090	1080	99%	Good
060	Item 60	1110	1100	99%	Good
061	Item 61	1130	1120	99%	Good
062	Item 62	1150	1140	99%	Good
063	Item 63	1170	1160	99%	Good
064	Item 64	1190	1180	99%	Good
065	Item 65	1210	1200	99%	Good
066	Item 66	1230	1220	99%	Good
067	Item 67	1250	1240	99%	Good
068	Item 68	1270	1260	99%	Good
069	Item 69	1290	1280	99%	Good
070	Item 70	1310	1300	99%	Good
071	Item 71	1330	1320	99%	Good
072	Item 72	1350	1340	99%	Good
073	Item 73	1370	1360	99%	Good
074	Item 74	1390	1380	99%	Good
075	Item 75	1410	1400	99%	Good
076	Item 76	1430	1420	99%	Good
077	Item 77	1450	1440	99%	Good
078	Item 78	1470	1460	99%	Good
079	Item 79	1490	1480	99%	Good
080	Item 80	1510	1500	99%	Good
081	Item 81	1530	1520	99%	Good
082	Item 82	1550	1540	99%	Good
083	Item 83	1570	1560	99%	Good
084	Item 84	1590	1580	99%	Good
085	Item 85	1610	1600	99%	Good
086	Item 86	1630	1620	99%	Good
087	Item 87	1650	1640	99%	Good
088	Item 88	1670	1660	99%	Good
089	Item 89	1690	1680	99%	Good
090	Item 90	1710	1700	99%	Good
091	Item 91	1730	1720	99%	Good
092	Item 92	1750	1740	99%	Good
093	Item 93	1770	1760	99%	Good
094	Item 94	1790	1780	99%	Good
095	Item 95	1810	1800	99%	Good
096	Item 96	1830	1820	99%	Good
097	Item 97	1850	1840	99%	Good
098	Item 98	1870	1860	99%	Good
099	Item 99	1890	1880	99%	Good
100	Item 100	1910	1900	99%	Good

Project Summary:

Total Budget: \$19,100

Total Actual: \$19,000

Variance: \$100

Overall Status: On Track

Prepared by: _____

Reviewed by: _____

Date: _____

No. 19-10 Date 11/6/59

Spermatogenic Condition 7

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3	6.3	39 - 128.7	6 -	19.8
2	3	6.3	38 125.4	6	19.8
			56 184.8	10	33.0
3			45 148.5	9	29.7
4			28 92.4	6	19.8
5			33 108.9	11	36.3
6			35 115.5	8	26.4
7			36 118.8	8	26.4
8			40 132.0	5	16.5
9			35 115.5	7	23.1
10					
T			1270.5		250.8
\bar{x} 6.3			127.0		25.1

Sertoli Cells: seen

Remarks: _____

Date: _____
 Page: _____

Date Time	Location Name	Description Notes
1-1-78	1000	1000
1-2-78	1000	1000
1-3-78	1000	1000
1-4-78	1000	1000
1-5-78	1000	1000
1-6-78	1000	1000
1-7-78	1000	1000
1-8-78	1000	1000
1-9-78	1000	1000
1-10-78	1000	1000
1-11-78	1000	1000
1-12-78	1000	1000
1-13-78	1000	1000
1-14-78	1000	1000
1-15-78	1000	1000
1-16-78	1000	1000
1-17-78	1000	1000
1-18-78	1000	1000
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1-21-78	1000	1000
1-22-78	1000	1000
1-23-78	1000	1000
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1-25-78	1000	1000
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1-40-78	1000	1000
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1-80-78	1000	1000
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1-90-78	1000	1000
1-91-78	1000	1000
1-92-78	1000	1000
1-93-78	1000	1000
1-94-78	1000	1000
1-95-78	1000	1000
1-96-78	1000	1000
1-97-78	1000	1000
1-98-78	1000	1000
1-99-78	1000	1000
1-100-78	1000	1000

Signature: _____
 Date: _____
 Page: _____

No. 14-11 Date VIU/5-9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	40 132.0	10 33.0
2	6.3	37 122.1	6 19.8
3		32 105.6	5 16.5
4		48 158.4	7 23.1
5		40 132.0	12 39.6
6		40 132.0	9 29.7
7		38 125.4	5 16.5
8		37 122.1	11 36.3
9		45 148.5	10 33.0
10		38 125.4	8 26.4
T		1554.3	273.9
\bar{x}	6.3	155.4	27.4

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 46.2 \mu$ (3)

No.

Stomach contents Condition

Interstitial Cell Seminal vesicles		epith. height	
nucleus diam.		tubule diam.	
1	12	13.0	12
2	12	14.1	12
3	12	10.0	12
4	12	12.4	12
5	12	13.0	12
6	12	13.4	12
7	12	12.4	12
8	12	12.1	12
9	12	14.0	12
10	12	15.0	12
T	12.2	13.2	12
X	12.3	13.4	12

Serous Cells:

Remarks:

No. 14-12 Date VIII/5-9

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	(3) 6.3	59	194.7	15	49.5
2	3 6.3	55	181.5	13	42.9
3	3 6.3	54	178.2	20	66.0
4		49	161.7	12	39.6
5		44	145.2	7	23.1
6		45	148.5	10	33.0
7		60	198.0	14	46.2
8		51	168.3	10	33.0
9		50	165.0	15	49.5
10		55	181.5	14	46.2
T		172.2.6		429.0	
\bar{x} 6.3		172.3		42.9	

Sertoli Cells: seen

Remarks: _____

2012年12月19日

Item	Quantity	Unit Price	Total
1. 1000	1000	1.00	1000.00
2. 2000	2000	2.00	4000.00
3. 3000	3000	3.00	9000.00
4. 4000	4000	4.00	16000.00
5. 5000	5000	5.00	25000.00
6. 6000	6000	6.00	36000.00
7. 7000	7000	7.00	49000.00
8. 8000	8000	8.00	64000.00
9. 9000	9000	9.00	81000.00
10. 10000	10000	10.00	100000.00
Total	50000		500000.00

100-104174

2000

No. 14-15 Date IX/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	13 - 42.9	
2	22 72.6	
3	15 49.5	
4	18 59.4	
5	15 49.5	
6	15 49.5	
7	15 49.5	
8	19 62.7	
9	17 56.1	
10	14 52.8	
T	5-44.5	
\bar{x} 6.3	54.4	

Sertoli Cells: seen

Remarks: _____

No. 14-17 Date 11/1/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	18 - 59.4
2	87 287.1	18 59.4
3	59 194.7	19 62.7
4	50 165.0	13 42.9
5	87 287.1	17 56.1
6	65 214.5	17 56.1
7	64 211.2	17 56.1
8	62 204.6	11 36.3
9	66 217.8	11 36.3
10	61 201.3	15 49.5
T	2197.8	514.8
\bar{x}	219.8	51.5

Sertoli Cells: seenRemarks: poor tissue

Page 1

10/10/2020

Date		Time		Location		Remarks	
10/10/2020	10:00	10:15	10:30	10:45	11:00	11:15	11:30
10/10/2020	11:45	12:00	12:15	12:30	12:45	13:00	13:15
10/10/2020	13:30	13:45	14:00	14:15	14:30	14:45	15:00
10/10/2020	15:15	15:30	15:45	16:00	16:15	16:30	16:45
10/10/2020	17:00	17:15	17:30	17:45	18:00	18:15	18:30
10/10/2020	18:45	19:00	19:15	19:30	19:45	20:00	20:15
10/10/2020	20:30	20:45	21:00	21:15	21:30	21:45	22:00
10/10/2020	22:15	22:30	22:45	23:00	23:15	23:30	23:45
10/10/2020	24:00	24:15	24:30	24:45	25:00	25:15	25:30
10/10/2020	25:45	26:00	26:15	26:30	26:45	27:00	27:15
10/10/2020	27:30	27:45	28:00	28:15	28:30	28:45	29:00
10/10/2020	29:15	29:30	29:45	30:00	30:15	30:30	30:45
10/10/2020	31:00	31:15	31:30	31:45	32:00	32:15	32:30
10/10/2020	32:45	33:00	33:15	33:30	33:45	34:00	34:15
10/10/2020	34:30	34:45	35:00	35:15	35:30	35:45	36:00
10/10/2020	36:15	36:30	36:45	37:00	37:15	37:30	37:45
10/10/2020	38:00	38:15	38:30	38:45	39:00	39:15	39:30
10/10/2020	39:45	40:00	40:15	40:30	40:45	41:00	41:15
10/10/2020	41:30	41:45	42:00	42:15	42:30	42:45	43:00
10/10/2020	43:15	43:30	43:45	44:00	44:15	44:30	44:45
10/10/2020	45:00	45:15	45:30	45:45	46:00	46:15	46:30
10/10/2020	46:45	47:00	47:15	47:30	47:45	48:00	48:15
10/10/2020	48:30	48:45	49:00	49:15	49:30	49:45	50:00
10/10/2020	50:15	50:30	50:45	51:00	51:15	51:30	51:45
10/10/2020	52:00	52:15	52:30	52:45	53:00	53:15	53:30
10/10/2020	53:45	54:00	54:15	54:30	54:45	55:00	55:15
10/10/2020	55:30	55:45	56:00	56:15	56:30	56:45	57:00
10/10/2020	57:15	57:30	57:45	58:00	58:15	58:30	58:45
10/10/2020	59:00	59:15	59:30	59:45	60:00	60:15	60:30
10/10/2020	60:45	61:00	61:15	61:30	61:45	62:00	62:15
10/10/2020	62:30	62:45	63:00	63:15	63:30	63:45	64:00
10/10/2020	64:15	64:30	64:45	65:00	65:15	65:30	65:45
10/10/2020	66:00	66:15	66:30	66:45	67:00	67:15	67:30
10/10/2020	67:45	68:00	68:15	68:30	68:45	69:00	69:15
10/10/2020	69:30	69:45	70:00	70:15	70:30	70:45	71:00
10/10/2020	71:15	71:30	71:45	72:00	72:15	72:30	72:45
10/10/2020	73:00	73:15	73:30	73:45	74:00	74:15	74:30
10/10/2020	74:45	75:00	75:15	75:30	75:45	76:00	76:15
10/10/2020	76:30	76:45	77:00	77:15	77:30	77:45	78:00
10/10/2020	78:15	78:30	78:45	79:00	79:15	79:30	79:45
10/10/2020	80:00	80:15	80:30	80:45	81:00	81:15	81:30
10/10/2020	81:45	82:00	82:15	82:30	82:45	83:00	83:15
10/10/2020	83:30	83:45	84:00	84:15	84:30	84:45	85:00
10/10/2020	85:15	85:30	85:45	86:00	86:15	86:30	86:45
10/10/2020	87:00	87:15	87:30	87:45	88:00	88:15	88:30
10/10/2020	88:45	89:00	89:15	89:30	89:45	90:00	90:15
10/10/2020	90:30	90:45	91:00	91:15	91:30	91:45	92:00
10/10/2020	92:15	92:30	92:45	93:00	93:15	93:30	93:45
10/10/2020	94:00	94:15	94:30	94:45	95:00	95:15	95:30
10/10/2020	95:45	96:00	96:15	96:30	96:45	97:00	97:15
10/10/2020	97:30	97:45	98:00	98:15	98:30	98:45	99:00
10/10/2020	99:15	99:30	99:45	100:00	100:15	100:30	100:45
10/10/2020	101:00	101:15	101:30	101:45	102:00	102:15	102:30
10/10/2020	102:45	103:00	103:15	103:30	103:45	104:00	104:15
10/10/2020	104:30	104:45	105:00	105:15	105:30	105:45	106:00
10/10/2020	106:15	106:30	106:45	107:00	107:15	107:30	107:45
10/10/2020	108:00	108:15	108:30	108:45	109:00	109:15	109:30
10/10/2020	109:45	110:00	110:15	110:30	110:45	111:00	111:15
10/10/2020	111:30	111:45	112:00	112:15	112:30	112:45	113:00
10/10/2020	113:15	113:30	113:45	114:00	114:15	114:30	114:45
10/10/2020	115:00	115:15	115:30	115:45	116:00	116:15	116:30
10/10/2020	116:45	117:00	117:15	117:30	117:45	118:00	118:15
10/10/2020	118:30	118:45	119:00	119:15	119:30	119:45	120:00
10/10/2020	120:15	120:30	120:45	121:00	121:15	121:30	121:45
10/10/2020	122:00	122:15	122:30	122:45	123:00	123:15	123:30
10/10/2020	123:45	124:00	124:15	124:30	124:45	125:00	125:15
10/10/2020	125:30	125:45	126:00	126:15	126:30	126:45	127:00
10/10/2020	127:15	127:30	127:45	128:00	128:15	128:30	128:45
10/10/2020	129:00	129:15	129:30	129:45	130:00	130:15	130:30
10/10/2020	130:45	131:00	131:15	131:30	131:45	132:00	132:15
10/10/2020	132:30	132:45	133:00	133:15	133:30	133:45	134:00
10/10/2020	134:15	134:30	134:45	135:00	135:15	135:30	135:45
10/10/2020	136:00	136:15	136:30	136:45	137:00	137:15	137:30
10/10/2020	137:45	138:00	138:15	138:30	138:45	139:00	139:15
10/10/2020	139:30	139:45	140:00	140:15	140:30	140:45	141:00
10/10/2020	141:15	141:30	141:45	142:00	142:15	142:30	142:45
10/10/2020	143:00	143:15	143:30	143:45	144:00	144:15	144:30
10/10/2020	144:45	145:00	145:15	145:30	145:45	146:00	146:15
10/10/2020	146:30	146:45	147:00	147:15	147:30	147:45	148:00
10/10/2020	148:15	148:30	148:45	149:00	149:15	149:30	149:45
10/10/2020	150:00	150:15	150:30	150:45	151:00	151:15	151:30
10/10/2020	151:45	152:00	152:15	152:30	152:45	153:00	153:15
10/10/2020	153:30	153:45	154:00	154:15	154:30	154:45	155:00
10/10/2020	155:15	155:30	155:45	156:00	156:15	156:30	156:45
10/10/2020	157:00	157:15	157:30	157:45	158:00	158:15	158:30
10/10/2020	158:45	159:00	159:15	159:30	159:45	160:00	160:15
10/10/2020	160:30	160:45	161:00	161:15	161:30	161:45	162:00
10/10/2020	162:15	162:30	162:45	163:00	163:15	163:30	163:45
10/10/2020	164:00	164:15	164:30	164:45	165:00	165:15	165:30
10/10/2020	165:45	166:00	166:15	166:30	166:45	167:00	167:15
10/10/2020	167:30	167:45	168:00	168:15	168:30	168:45	169:00
10/10/2020	169:15	169:30	169:45	170:00	170:15	170:30	170:45
10/10/2020	171:00	171:15	171:30	171:45	172:00	172:15	172:30
10/10/2020	172:45	173:00	173:15	173:30	173:45	174:00	174:15
10/10/2020	174:30	174:45	175:00	175:15	175:30	175:45	176:00
10/10/2020	176:15	176:30	176:45	177:00	177:15	177:30	177:45
10/10/2020	178:00	178:15	178:30	178:45	179:00	179:15	179:30
10/10/2020	179:45	180:00	180:15	180:30	180:45	181:00	181:15
10/10/2020	181:30	181:45	182:00	182:15	182:30	182:45	183:00
10/10/2020	183:15	183:30	183:45	184:00	184:15	184:30	184:45
10/10/2020	185:00	185:15	185:30	185:45	186:00	186:15	186:30
10/10/2020	186:45	187:00	187:15	187:30	187:45	188:00	188:15
10/10/2020	188:30	188:45	189:00	189:15	189:30	189:45	190:00
10/10/2020	190:15	190:30	190:45	191:00	191:15	191:30	191:45
10/10/2020	192:00	192:15	192:30	192:45	193:00	193:15	193:30
10/10/2020	193:45	194:00	194:15	194:30	194:45	195:00	195:15
10/10/2020	195:30	195:45	196:00	196:15	196:30	196:45	197:00
10/10/2020	197:15	197:30	197:45	198:00	198:15	198:30	198:45
10/10/2020	199:00	199:15	199:30	199:45	200:00	200:15	200:30
10/10/2020	200:45	201:00	201:15	201:30	201:45	202:00	202:15
10/10/2020	202:30	202:45	203:00	203:15	203:30	203:45	204:00
10/10/2020	204:15	204:30	204:45	205:00	205:15	205:30	205:45
10/10/2020	206:00	206:15	206:30	206:45	207:00	207:15	207:30
10/10/2020	207:45	208:00	208:15	208:30	208:45	209:00	209:15
10/10/2020	209:30	209:45	210:00	210:15	210:30	210:45	211:00
10/10/2020	211:15	211:30	211:45	212:00	212:15	212:30	212:45
10/10/2020	213:00	213:15	213:30	213:45	214:00	214:15	214:30
10/10/2020	214:45	215:00	215:15	215:30	215:45	216:00	216:15
10/10/2020	216:30	216:45	217:00	217:15	217:30	217:45	218:00
10/10/2020	218:15	218:30	218:45	219:00	219:15	219:30	219:45
10/10/2020	220:00	220:15	220:30	220:45	221:00	221:15	221:30
10/10/2020	221:45	222:00	222:15	222:30	222:45	223:00	223:15
10/10/2020	223:30	223:45	224:00	224:15	224:30	224:45	225:00
10/10/2020	225:15	225:30	225:45	226:00	226:15	226:30	226:45
10/10/2020	227:00	227:15	227:30	227:45	228:00	228:15	228:30
10/10/2020	228:45	229:00	229:15	229:30	229:45	230:00	230:15
10/10/2020	230:30	230:45	231:00	231:15	231:30	231:45	232:00
10/10/2020	232:15	232:30	232:45	233:00	233:15	233:30	233:45
10/10/2020	234:00	234:15	234:30	234:45	235:00	235:15	235:30
10/10/2020	235:45	236:00	236:15	236:30	236:45	237:00	237:15
10/10/2020	237:30	237:45	238:00	238:15			

No. 1418 Date 11/1/60

Spermatogenic Condition 3

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	58	165.0	17	56.1
2	3 6.3	49	161.7	15	49.5
3	3 6.3	41	135.3	12	39.6
4		63	207.9	17	56.1
5		73	240.9	19	62.7
6		54	178.2	14	46.2
7		50	165.0	13	42.9
8		57	188.1	14	46.2
9		64	211.2	15	49.5
10		60	198.0	13	42.9
T		1851.3		491.7	
\bar{x} 6.3		185.1		49.2	

Sertoli Cells: seen

Remarks: _____



No. 14-19 Date 11/60

Spermatogenic Condition 3

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	42	138.6	16	52.8
2	3 6.3	48	158.4	16	52.8
3	3 6.3	48	158.4	13	42.9
4		41	135.3	12	39.6
5		55	181.5	12	39.6
6		46	151.8	12	39.6
7		44	145.2	11	36.3
8		43	141.9	13	42.9
9		49	161.7	16	52.8
10		47	155.1	14	46.2
T		1527.9		445.5	
\bar{x} 6.3		152.8		44.6	

Sertoli Cells: seen

Remarks: _____

Journal of Management Education

(continued)

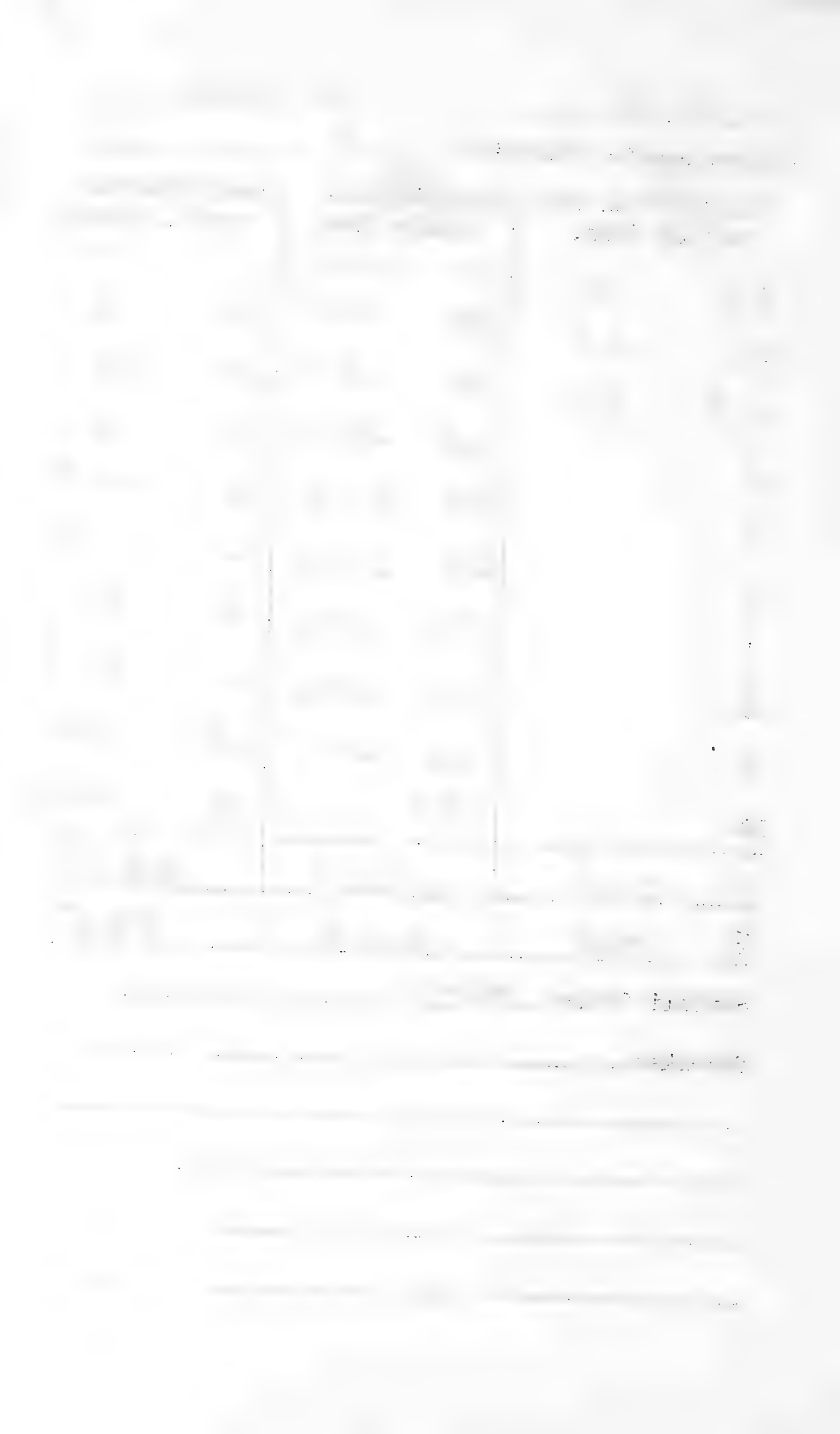
No. 14-21 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	72	237.6	15	49.5
2	3 6.3	66	217.8	14	46.2
3	4 8.4	70	231.0	20	66.0
4		63	207.9	13	42.9
5		66	217.8	16	52.8
6		64	211.2	13	42.9
7		59	194.7	10	33.0
8		62	204.6	13	42.9
9		66	217.8	20	66.0
10		49	161.7	14	52.8
T		2102.1		495.0	
\bar{x}		210.2		49.5	

Sertoli Cells: seen

Remarks: _____



No. 14-22 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam. ⁽³⁾		Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	4 8.4	63 207.9	12 - 39.6
2	4 8.4	67 221.1	13 42.9
3	4 8.4	90 297.0	14 46.2
4		73 240.9	17 56.1
5		70 231.0	19 62.7
6		74 244.2	13 42.9
7		66 198.0	10 33.0
8		64 211.2	17 56.1
9		67 221.1	13 42.9
10		70 231.0	15 49.5
T		2303.4	471.9
\bar{x} 8.4		230.3	47.2

Sertoli Cells: seen

Remarks: _____

$E = 39.6 \mu$ ⁽³⁾

Name of the person		Date of birth		Place of birth	
1	John Doe	1980	12/15	New York	USA
2	Jane Smith	1985	03/22	London	UK
3	Michael Brown	1978	07/10	Los Angeles	USA
4	Sarah White	1990	01/05	Paris	France
5	David Green	1982	09/18	Chicago	USA
6	Emily Black	1988	04/01	Manchester	UK
7	Robert Grey	1975	11/25	San Francisco	USA
8	Laura Pink	1992	06/08	Berlin	Germany
9	James Blue	1987	02/14	Amsterdam	Netherlands
10	Olivia Yellow	1983	10/30	Stockholm	Sweden
11	Benjamin Purple	1979	08/07	Oslo	Norway
12	Charlotte Brown	1991	05/19	Copenhagen	Denmark
13	William Green	1986	12/03	Helsinki	Finland
14	Isabella White	1989	03/28	Tallinn	Estonia
15	Thomas Black	1984	07/11	Riga	Latvia
16	Grace Grey	1993	01/20	Vilnius	Lithuania
17	Christopher Pink	1981	09/04	Kaunas	Lithuania
18	Chloe Yellow	1994	04/16	Palanga	Lithuania
19	Matthew Purple	1987	11/29	Palanga	Lithuania
20	Amelia Brown	1996	06/02	Palanga	Lithuania

No. 14-23Date 10/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	55 - 181.5	15 - 49.5
2 3 6.3	67 221.1	17 52.1
3	63 207.9	21 69.3
4	60 198.0	10 33.0
5	59 194.7	17 52.1
6	62 204.6	16 52.8
7	48 158.4	10 33.0
8	63 207.9	11 36.3
9	57 168.3	9 29.7
10	60 198.0	13 42.9
T	1940.4	458.4
\bar{x} 6.3	194.0	45.8

Sertoli Cells: seenRemarks: _____

Year	Month	Day	Time	Location	Remarks
1950	Jan	1	10:00	1000	1000
1950	Jan	2	10:00	1000	1000
1950	Jan	3	10:00	1000	1000
1950	Jan	4	10:00	1000	1000
1950	Jan	5	10:00	1000	1000
1950	Jan	6	10:00	1000	1000
1950	Jan	7	10:00	1000	1000
1950	Jan	8	10:00	1000	1000
1950	Jan	9	10:00	1000	1000
1950	Jan	10	10:00	1000	1000
1950	Jan	11	10:00	1000	1000
1950	Jan	12	10:00	1000	1000
1950	Jan	13	10:00	1000	1000
1950	Jan	14	10:00	1000	1000
1950	Jan	15	10:00	1000	1000
1950	Jan	16	10:00	1000	1000
1950	Jan	17	10:00	1000	1000
1950	Jan	18	10:00	1000	1000
1950	Jan	19	10:00	1000	1000
1950	Jan	20	10:00	1000	1000
1950	Jan	21	10:00	1000	1000
1950	Jan	22	10:00	1000	1000
1950	Jan	23	10:00	1000	1000
1950	Jan	24	10:00	1000	1000
1950	Jan	25	10:00	1000	1000
1950	Jan	26	10:00	1000	1000
1950	Jan	27	10:00	1000	1000
1950	Jan	28	10:00	1000	1000
1950	Jan	29	10:00	1000	1000
1950	Jan	30	10:00	1000	1000
1950	Jan	31	10:00	1000	1000
1950	Jan	32	10:00	1000	1000
1950	Jan	33	10:00	1000	1000
1950	Jan	34	10:00	1000	1000
1950	Jan	35	10:00	1000	1000
1950	Jan	36	10:00	1000	1000
1950	Jan	37	10:00	1000	1000
1950	Jan	38	10:00	1000	1000
1950	Jan	39	10:00	1000	1000
1950	Jan	40	10:00	1000	1000
1950	Jan	41	10:00	1000	1000
1950	Jan	42	10:00	1000	1000
1950	Jan	43	10:00	1000	1000
1950	Jan	44	10:00	1000	1000
1950	Jan	45	10:00	1000	1000
1950	Jan	46	10:00	1000	1000
1950	Jan	47	10:00	1000	1000
1950	Jan	48	10:00	1000	1000
1950	Jan	49	10:00	1000	1000
1950	Jan	50	10:00	1000	1000
1950	Jan	51	10:00	1000	1000
1950	Jan	52	10:00	1000	1000
1950	Jan	53	10:00	1000	1000
1950	Jan	54	10:00	1000	1000
1950	Jan	55	10:00	1000	1000
1950	Jan	56	10:00	1000	1000
1950	Jan	57	10:00	1000	1000
1950	Jan	58	10:00	1000	1000
1950	Jan	59	10:00	1000	1000
1950	Jan	60	10:00	1000	1000
1950	Jan	61	10:00	1000	1000
1950	Jan	62	10:00	1000	1000
1950	Jan	63	10:00	1000	1000
1950	Jan	64	10:00	1000	1000
1950	Jan	65	10:00	1000	1000
1950	Jan	66	10:00	1000	1000
1950	Jan	67	10:00	1000	1000
1950	Jan	68	10:00	1000	1000
1950	Jan	69	10:00	1000	1000
1950	Jan	70	10:00	1000	1000
1950	Jan	71	10:00	1000	1000
1950	Jan	72	10:00	1000	1000
1950	Jan	73	10:00	1000	1000
1950	Jan	74	10:00	1000	1000
1950	Jan	75	10:00	1000	1000
1950	Jan	76	10:00	1000	1000
1950	Jan	77	10:00	1000	1000
1950	Jan	78	10:00	1000	1000
1950	Jan	79	10:00	1000	1000
1950	Jan	80	10:00	1000	1000
1950	Jan	81	10:00	1000	1000
1950	Jan	82	10:00	1000	1000
1950	Jan	83	10:00	1000	1000
1950	Jan	84	10:00	1000	1000
1950	Jan	85	10:00	1000	1000
1950	Jan	86	10:00	1000	1000
1950	Jan	87	10:00	1000	1000
1950	Jan	88	10:00	1000	1000
1950	Jan	89	10:00	1000	1000
1950	Jan	90	10:00	1000	1000
1950	Jan	91	10:00	1000	1000
1950	Jan	92	10:00	1000	1000
1950	Jan	93	10:00	1000	1000
1950	Jan	94	10:00	1000	1000
1950	Jan	95	10:00	1000	1000
1950	Jan	96	10:00	1000	1000
1950	Jan	97	10:00	1000	1000
1950	Jan	98	10:00	1000	1000
1950	Jan	99	10:00	1000	1000
1950	Jan	100	10:00	1000	1000

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No. 14-24 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.			Seminiferous tubule diam.		Seminiferous epith. height	
1	4	8.4	61	201.3	10	33.0
2	3	6.3	68	224.4	14	46.2
3	4	8.4	54	178.2	18	59.4
4			60	198.0	10	33.0
5			63	207.9	19	62.7
6			57	188.1	10	33.0
7			61	201.3	17	56.1
8			72	237.6	15	49.5
9			56	184.8	15	49.5
10			63	207.9	12	39.6
T			23.1		2029.5	
\bar{x}			7.7		46.2	

Sertoli Cells: seen

Remarks: _____

Name of the person	Address	Date of birth
John Doe	123 Main St, New York, NY	1980-01-01
Jane Smith	456 Elm St, Los Angeles, CA	1985-03-15
Robert Johnson	789 Oak St, Chicago, IL	1978-07-22
Emily White	101 Pine St, San Francisco, CA	1990-11-05
Michael Brown	202 Cedar St, Houston, TX	1982-05-18
Sarah Green	303 Birch St, Phoenix, AZ	1988-09-10
David Black	404 Maple St, Dallas, TX	1975-12-03
Lisa Gray	505 Walnut St, San Diego, CA	1992-04-27
James King	606 Elm St, Austin, TX	1987-08-14
Anna Lee	707 Oak St, Portland, OR	1983-02-28
Daniel Hall	808 Pine St, Seattle, WA	1979-06-11
Michelle Young	909 Cedar St, Denver, CO	1986-10-09
Christopher Adams	1010 Birch St, Salt Lake City, UT	1981-03-25
Stephanie Baker	1111 Maple St, Las Vegas, NV	1989-07-04
Matthew Wilson	1212 Walnut St, San Jose, CA	1984-11-19

No. 14-25 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	62	204.6	17	56.1
2	3 6.3	54	178.2	15	49.5
3	3 6.3	50	165.0	9	29.7
4		48	158.4	15	49.5
5		46	151.8	14	46.2
6		49	161.7	10	33.0
7		77	254.1	19	62.7
8		72	237.6	18	59.4
9		62	204.6	11	36.3
10		62	204.6	16	52.8
T		1920.6		475.2	
\bar{x} 6.3		192.1		47.5	

Sertoli Cells: seen

Remarks: _____

No. 14-26 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam. ⁽⁵⁾		Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	3 6.3	70 - 231.0	16 - 52.8
2	4 8.4	70 231.0	11 36.3
3	3 6.3	62 204.6	13 42.9
4		64 211.2	12 39.6
5		60 198.0	14 46.2
6		54 178.2	14 46.2
7		60 198.0	15 49.5
8		56 184.8	16 52.8
9		67 221.1	17 56.1
10		58 191.4	11 36.3
T 21.0		2049.3	458.7
\bar{x} 7.0		204.9	45.9

Sertoli Cells: seen

Remarks: _____

Date		Description		Amount	
Month	Day	Particulars		Debit	Credit
Jan	1	Balance			100.00
Jan	5	Wages		25.00	
Jan	10	Food		15.00	
Jan	15	Travel		30.00	
Jan	20	Medical		10.00	
Jan	25	Postage		5.00	
Jan	30	Interest		2.00	
Feb	1	Balance			112.00
Feb	5	Wages		28.00	
Feb	10	Food		18.00	
Feb	15	Travel		35.00	
Feb	20	Medical		12.00	
Feb	25	Postage		6.00	
Feb	30	Interest		2.50	
Mar	1	Balance			124.50
Mar	5	Wages		30.00	
Mar	10	Food		20.00	
Mar	15	Travel		40.00	
Mar	20	Medical		15.00	
Mar	25	Postage		7.00	
Mar	30	Interest		3.00	
Apr	1	Balance			139.50
Apr	5	Wages		32.00	
Apr	10	Food		22.00	
Apr	15	Travel		45.00	
Apr	20	Medical		18.00	
Apr	25	Postage		8.00	
Apr	30	Interest		3.50	
May	1	Balance			155.00
May	5	Wages		35.00	
May	10	Food		25.00	
May	15	Travel		50.00	
May	20	Medical		20.00	
May	25	Postage		9.00	
May	30	Interest		4.00	
Jun	1	Balance			171.00
Jun	5	Wages		38.00	
Jun	10	Food		28.00	
Jun	15	Travel		55.00	
Jun	20	Medical		22.00	
Jun	25	Postage		10.00	
Jun	30	Interest		4.50	
Jul	1	Balance			186.50
Jul	5	Wages		40.00	
Jul	10	Food		30.00	
Jul	15	Travel		60.00	
Jul	20	Medical		25.00	
Jul	25	Postage		11.00	
Jul	30	Interest		5.00	
Aug	1	Balance			202.50
Aug	5	Wages		42.00	
Aug	10	Food		32.00	
Aug	15	Travel		65.00	
Aug	20	Medical		28.00	
Aug	25	Postage		12.00	
Aug	30	Interest		5.50	
Sep	1	Balance			218.00
Sep	5	Wages		45.00	
Sep	10	Food		35.00	
Sep	15	Travel		70.00	
Sep	20	Medical		30.00	
Sep	25	Postage		13.00	
Sep	30	Interest		6.00	
Oct	1	Balance			233.00
Oct	5	Wages		48.00	
Oct	10	Food		38.00	
Oct	15	Travel		75.00	
Oct	20	Medical		32.00	
Oct	25	Postage		14.00	
Oct	30	Interest		6.50	
Nov	1	Balance			249.50
Nov	5	Wages		50.00	
Nov	10	Food		40.00	
Nov	15	Travel		80.00	
Nov	20	Medical		35.00	
Nov	25	Postage		15.00	
Nov	30	Interest		7.00	
Dec	1	Balance			266.50
Dec	5	Wages		52.00	
Dec	10	Food		42.00	
Dec	15	Travel		85.00	
Dec	20	Medical		38.00	
Dec	25	Postage		16.00	
Dec	30	Interest		7.50	
Total					

No. 14-27 Date 12/60

Spermatogenic Condition ② 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	46 - 151.8	15 - 49.5
2	3 6.3	42 138.6	13 42.9
3	4 8.4	47 155.1	15 49.5
4		44 145.2	15 49.5
5		52 171.6	14 46.2
6		50 165.0	6 19.8
7		60 198.0	13 42.9
8		56 184.8	14 52.8
9		52 184.8	10 33.0
10		48 158.4	13 42.9
T	21.0	1653.3	429.0
\bar{x}	7.0	165.3	42.9

Sertoli Cells: seen

Remarks: _____

Page 100, Date: _____

Name of Person		Address		City	
1	John	123	St	NY	1
2	John	456	St	NY	2
3	John	789	St	NY	3
4	John	101	St	NY	4
5	John	202	St	NY	5
6	John	303	St	NY	6
7	John	404	St	NY	7
8	John	505	St	NY	8
9	John	606	St	NY	9
10	John	707	St	NY	10
Total		1000		10	
Total		1000		10	

No. 14-28 Date 14/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	4 8.4	60 - 198.0	17 - 56.1
2	3 6.3	55 181.5	10 33.0
3	3 6.3	52 184.8	12 39.6
4		72 237.6	19 62.7
5		57 188.1	11 36.3
6		62 204.6	14 46.2
7		54 178.2	15 49.5
8		66 217.8	15 49.5
9		58 191.4	12 39.6
10		61 201.3	14 46.2
T	21.0	1983.3	458.7
\bar{x}	7.0	198.3	45.9

Sertoli Cells: seen

Remarks: _____

$E = 52.8 \mu$ (2)

1. Introduction

2. Methodology

Table 1: Summary of Data		Table 2: Detailed Analysis	
Category	Value	Category	Value
A	10	A	10
B	20	B	20
C	30	C	30
D	40	D	40
E	50	E	50
F	60	F	60
G	70	G	70
H	80	H	80
I	90	I	90
J	100	J	100

3. Results and Discussion

4. Conclusion

5. References

No. 14-29 Date 10/60

Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	75	247.5	12	39.6
2	3 6.3	61	201.3	16	52.8
3		52	184.8	16	52.8
4		66	217.8	15	49.5
5		52	184.8	9	29.7
6		46	151.8	10	33.0
7		62	204.6	12	39.6
8		60	198.0	11	36.3
9		64	211.2	17	52.1
10		57	188.1	17	52.1
T		1989.9		4145.5	
\bar{x} 6.3		199.0		44.6	

Sertoli Cells: seen

Remarks: _____

No. 14-30 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	46 - 151.8	11 - 36.3
2	3 6.3	41 135.3	5 - 16.5
3	3 6.3	48 158.4	7 23.1
4		39 128.7	9 29.7
5		44 145.2	15 49.5
6		52 171.6	15 49.5
7		47 155.1	17 56.1
8		49 161.7	9 29.7
9		44 145.2	10 33.0
10		51 168.3	14 46.2
T		1521.3	369.6
\bar{x} 6.3		152.1	37.0

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 55.0 \mu$ (3)

Date		Description		Amount	
1	1900	Jan 1	Balance	100.00	
2	1900	Jan 2	Jan 2	10.00	
3	1900	Jan 3	Jan 3	20.00	
4	1900	Jan 4	Jan 4	30.00	
5	1900	Jan 5	Jan 5	40.00	
6	1900	Jan 6	Jan 6	50.00	
7	1900	Jan 7	Jan 7	60.00	
8	1900	Jan 8	Jan 8	70.00	
9	1900	Jan 9	Jan 9	80.00	
10	1900	Jan 10	Jan 10	90.00	
11	1900	Jan 11	Jan 11	100.00	
12	1900	Jan 12	Jan 12	110.00	
13	1900	Jan 13	Jan 13	120.00	
14	1900	Jan 14	Jan 14	130.00	
15	1900	Jan 15	Jan 15	140.00	
16	1900	Jan 16	Jan 16	150.00	
17	1900	Jan 17	Jan 17	160.00	
18	1900	Jan 18	Jan 18	170.00	
19	1900	Jan 19	Jan 19	180.00	
20	1900	Jan 20	Jan 20	190.00	
21	1900	Jan 21	Jan 21	200.00	
22	1900	Jan 22	Jan 22	210.00	
23	1900	Jan 23	Jan 23	220.00	
24	1900	Jan 24	Jan 24	230.00	
25	1900	Jan 25	Jan 25	240.00	
26	1900	Jan 26	Jan 26	250.00	
27	1900	Jan 27	Jan 27	260.00	
28	1900	Jan 28	Jan 28	270.00	
29	1900	Jan 29	Jan 29	280.00	
30	1900	Jan 30	Jan 30	290.00	
31	1900	Jan 31	Jan 31	300.00	
32	1900	Feb 1	Feb 1	310.00	
33	1900	Feb 2	Feb 2	320.00	
34	1900	Feb 3	Feb 3	330.00	
35	1900	Feb 4	Feb 4	340.00	
36	1900	Feb 5	Feb 5	350.00	
37	1900	Feb 6	Feb 6	360.00	
38	1900	Feb 7	Feb 7	370.00	
39	1900	Feb 8	Feb 8	380.00	
40	1900	Feb 9	Feb 9	390.00	
41	1900	Feb 10	Feb 10	400.00	
42	1900	Feb 11	Feb 11	410.00	
43	1900	Feb 12	Feb 12	420.00	
44	1900	Feb 13	Feb 13	430.00	
45	1900	Feb 14	Feb 14	440.00	
46	1900	Feb 15	Feb 15	450.00	
47	1900	Feb 16	Feb 16	460.00	
48	1900	Feb 17	Feb 17	470.00	
49	1900	Feb 18	Feb 18	480.00	
50	1900	Feb 19	Feb 19	490.00	
51	1900	Feb 20	Feb 20	500.00	
52	1900	Feb 21	Feb 21	510.00	
53	1900	Feb 22	Feb 22	520.00	
54	1900	Feb 23	Feb 23	530.00	
55	1900	Feb 24	Feb 24	540.00	
56	1900	Feb 25	Feb 25	550.00	
57	1900	Feb 26	Feb 26	560.00	
58	1900	Feb 27	Feb 27	570.00	
59	1900	Feb 28	Feb 28	580.00	
60	1900	Feb 29	Feb 29	590.00	
61	1900	Mar 1	Mar 1	600.00	
62	1900	Mar 2	Mar 2	610.00	
63	1900	Mar 3	Mar 3	620.00	
64	1900	Mar 4	Mar 4	630.00	
65	1900	Mar 5	Mar 5	640.00	
66	1900	Mar 6	Mar 6	650.00	
67	1900	Mar 7	Mar 7	660.00	
68	1900	Mar 8	Mar 8	670.00	
69	1900	Mar 9	Mar 9	680.00	
70	1900	Mar 10	Mar 10	690.00	
71	1900	Mar 11	Mar 11	700.00	
72	1900	Mar 12	Mar 12	710.00	
73	1900	Mar 13	Mar 13	720.00	
74	1900	Mar 14	Mar 14	730.00	
75	1900	Mar 15	Mar 15	740.00	
76	1900	Mar 16	Mar 16	750.00	
77	1900	Mar 17	Mar 17	760.00	
78	1900	Mar 18	Mar 18	770.00	
79	1900	Mar 19	Mar 19	780.00	
80	1900	Mar 20	Mar 20	790.00	
81	1900	Mar 21	Mar 21	800.00	
82	1900	Mar 22	Mar 22	810.00	
83	1900	Mar 23	Mar 23	820.00	
84	1900	Mar 24	Mar 24	830.00	
85	1900	Mar 25	Mar 25	840.00	
86	1900	Mar 26	Mar 26	850.00	
87	1900	Mar 27	Mar 27	860.00	
88	1900	Mar 28	Mar 28	870.00	
89	1900	Mar 29	Mar 29	880.00	
90	1900	Mar 30	Mar 30	890.00	
91	1900	Mar 31	Mar 31	900.00	
92	1900	Apr 1	Apr 1	910.00	
93	1900	Apr 2	Apr 2	920.00	
94	1900	Apr 3	Apr 3	930.00	
95	1900	Apr 4	Apr 4	940.00	
96	1900	Apr 5	Apr 5	950.00	
97	1900	Apr 6	Apr 6	960.00	
98	1900	Apr 7	Apr 7	970.00	
99	1900	Apr 8	Apr 8	980.00	
100	1900	Apr 9	Apr 9	990.00	
101	1900	Apr 10	Apr 10	1000.00	

No. 14-31

Date 11/6/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	66	217.8	11 - 36.3
2	61	201.3	16 52.8
3	68	224.4	14 46.2
4	71	234.3	14 46.2
5	63	207.9	10 33.0
6	53	174.9	11 36.3
7	48	158.4	11 36.3
8	45	148.5	9 29.7
9	52	171.6	15 49.5
10	64	211.2	18 59.4
T		1950.3	425.7
\bar{x}		195.0	42.6

Sertoli Cells: seen

Remarks: _____

E = 35.0 μ (3)

Date: _____
 Page: _____

Particulars		Debit		Credit	
1	By Balance		1000		
2	To Cash	500			
3	To Bank	200			
4	To Sales		1500		
5	To Purchases			800	
6	To Wages			300	
7	To Rent			100	
8	To Interest			50	
9	To Dividend			20	
10	To Profit			100	
11	By Cash	100			
12	By Bank	200			
13	By Sales		1500		
14	By Purchases			800	
15	By Wages			300	
16	By Rent			100	
17	By Interest			50	
18	By Dividend			20	
19	By Profit			100	
20	By Balance		1000		
21	To Cash	500			
22	To Bank	200			
23	To Sales		1500		
24	To Purchases			800	
25	To Wages			300	
26	To Rent			100	
27	To Interest			50	
28	To Dividend			20	
29	To Profit			100	
30	By Cash	100			
31	By Bank	200			
32	By Sales		1500		
33	By Purchases			800	
34	By Wages			300	
35	By Rent			100	
36	By Interest			50	
37	By Dividend			20	
38	By Profit			100	
39	By Balance		1000		
40	To Cash	500			
41	To Bank	200			
42	To Sales		1500		
43	To Purchases			800	
44	To Wages			300	
45	To Rent			100	
46	To Interest			50	
47	To Dividend			20	
48	To Profit			100	
49	By Cash	100			
50	By Bank	200			
51	By Sales		1500		
52	By Purchases			800	
53	By Wages			300	
54	By Rent			100	
55	By Interest			50	
56	By Dividend			20	
57	By Profit			100	
58	By Balance		1000		
59	To Cash	500			
60	To Bank	200			
61	To Sales		1500		
62	To Purchases			800	
63	To Wages			300	
64	To Rent			100	
65	To Interest			50	
66	To Dividend			20	
67	To Profit			100	
68	By Cash	100			
69	By Bank	200			
70	By Sales		1500		
71	By Purchases			800	
72	By Wages			300	
73	By Rent			100	
74	By Interest			50	
75	By Dividend			20	
76	By Profit			100	
77	By Balance		1000		
78	To Cash	500			
79	To Bank	200			
80	To Sales		1500		
81	To Purchases			800	
82	To Wages			300	
83	To Rent			100	
84	To Interest			50	
85	To Dividend			20	
86	To Profit			100	
87	By Cash	100			
88	By Bank	200			
89	By Sales		1500		
90	By Purchases			800	
91	By Wages			300	
92	By Rent			100	
93	By Interest			50	
94	By Dividend			20	
95	By Profit			100	
96	By Balance		1000		
97	To Cash	500			
98	To Bank	200			
99	To Sales		1500		
100	To Purchases			800	

Total Debit _____
 Total Credit _____
 Balance _____
 Date: _____
 Page: _____

No. 19-34 Date U/60
7

Spermatogenic Condition (5) (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> 6.3	51 168.3	10 - 33.0
2 <u>3</u> 6.3	50 165.0	14 46.2
3 <u>3</u> 6.3	49 161.7	8 26.4
4	44 145.2	6 19.8
5	52 171.6	13 42.9
6	60 198.0	10 33.0
7	51 168.3	8 26.4
8	56 184.8	12 39.6
9	50 165.0	13 42.9
10	50 165.0	8 26.4
T	1692.9	336.6
\bar{x} 6.3	169.3	33.7

Sertoli Cells: seen

Remarks: _____

$E = 33.3 \mu$ (3)



No. 14-35 Date 1/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	37 - 122.1	9	29.7
2	3	6.3	44 145.2	13	42.9
3	3	6.3	52 171.4	4	19.8
			50 145.0	12	39.6
4			50 145.0	8	26.4
5			52 171.4	13	42.9
6			57 168.3	9	29.7
7			55 181.5	12	39.6
8					
9					
10					
T			1290.3		270.6
\bar{x} 6.3			161.2		33.8

Sertoli Cells: seen

Remarks: folded in tissue

No. 14-3.6 Date 4/60
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: poor tissue

E = 36.3 μ

(4)

No. 14-3.7

Date 4/60

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
------------------------------------	------------------------------	-------------------------------

1	3 6.3	44 - 145.2	9 - 29.7
2	3 6.3	39 112.2	10 33.0
3		44 145.2	10 33.0
4		46 151.8	9 29.7
5		44 145.2	10 33.0
6		46 151.8	9 29.7
7		48 158.4	10 33.0
8		44 145.2	8 26.7
9		45 148.5	10 33.0
10		52 184.8	11 36.3
T		1488.3	316.8
\bar{x}	6.3	148.8	31.7

Sertoli Cells: seen

Remarks:

 $E = 29.7 \mu$

(3)



No. 14-39 Date 4/6/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	60 - 198.0	11 36.3
2	3 6.3	50 165.0	14 46.2
3	3 6.3	55 181.5	14 46.2
4		57 188.1	11 36.3
5		55 181.5	15 49.5
6		43 141.9	10 33.0
7		48 158.4	12 39.6
8		52 171.6	9 29.7
9		45 148.5	10 33.0
10		58 191.4	12 39.6
T		1725.9	389.4
\bar{x}	6.3	172.6	38.9

Sertoli Cells: seen

Remarks: _____

$$E = 49.5 \mu$$

(2)

No. 14-40Date VI/60Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	56 - 184.8	15 - 49.5
2	3 6.3	53 174.9	12 39.6
3	3 6.3	53 174.9	13 42.9
4		65 214.5	17 56.1
5		58 191.4	15 49.5
6		59 194.7	15 49.5
7		53 174.9	12 39.6
8		72 237.6	15 49.5
9		53 174.9	10 33.0
10		57 188.1	19 62.7
T		1910.7	470.2
\bar{x}	6.3	191.1	47.2

Sertoli Cells: seen

Remarks: _____

$$E = 36.3 \mu$$

(3)

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

LABORATORY OF ORGANIC CHEMISTRY

RECORD BOOK

1911-1912

1913-1914

1915-1916

1917-1918

1919-1920

1921-1922

1923-1924

1925-1926

1927-1928

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1931-1932

1933-1934

1935-1936

1937-1938

1939-1940

1941-1942

1943-1944

1945-1946

1947-1948

1949-1950

1951-1952

1953-1954

1955-1956

1957-1958

1959-1960

1961-1962

No. 14-41

Date 01/60

Spermatogenic Condition

Interstitial Cell nuclear diam. ⁽³⁾		Seminiferous tubule diam. ⁽²⁾		Seminiferous epith. height	
1	3 6.3	55	181.5	13	42.9
2	3 6.3	67	221.1	19	62.7
3	3 6.3	57	168.3	13	42.9
4		65	214.5	14	46.2
5		65	214.5	14	46.2
6		59	194.7	19	62.7
7		60	198.0	11	36.3
8		58	191.4	11	36.3
9		54	178.2	9	29.7
10		76	250.8	16	52.8
T		201.3		458.7	
\bar{x} 6.3		201.3		45.9	

Sertoli Cells: seen

Remarks:



No. 14-42 Date VII/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	4 8.4	52	171.6	12	39.6
2	3 6.3	47	155.1	10	33.0
3	3 6.3	42	138.4	9	29.7
4		47	155.1	9	29.7
5		53	174.9	10	33.0
6		59	194.7	15	49.5
7		53	174.9	10	33.0
8		68	224.4	10	33.0
9		45	148.5	14	46.2
10		46	151.8	11	36.3
T 21.0		1689.6		363.0	
\bar{x} 7.0		169.0		36.3	

Sertoli Cells: seen

Remarks: tubules separating

25.

1

:

No. 14-43 Date VI/11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	60 198.0	13 - 42.9
2 3 6.3	45 148.5	13 42.9
3	45 148.5	10 33.0
4	52 171.6	10 33.0
5	54 178.2	10 33.0
6	49 161.7	15 49.5
7	60 198.0	13 42.9
8	43 141.9	10 33.0
9	45 148.5	10 33.0
10	53 174.9	9 29.7
T	1669.8	372.9
\bar{x} 6.3	167.0	37.3

Sertoli Cells: seen

Remarks: _____

E = 37.6 μ (4)

Date: _____ Page: _____
 Name: _____

Account Name	Account Number	Account Balance	Account Type
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Total: _____
 Date: _____
 Signature: _____
 Name: _____

No. 14-44 Date VII/60

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: per tissue

Date	Description	Amount
1890		
Jan 1	Balance	100.00
Jan 15	Received from A. B.	50.00
Feb 1	Received from C. D.	25.00
Feb 15	Received from E. F.	75.00
Mar 1	Received from G. H.	100.00
Mar 15	Received from I. J.	150.00
Apr 1	Received from K. L.	200.00
Apr 15	Received from M. N.	250.00
May 1	Received from O. P.	300.00
May 15	Received from Q. R.	350.00
Jun 1	Received from S. T.	400.00
Jun 15	Received from U. V.	450.00
Jul 1	Received from W. X.	500.00
Jul 15	Received from Y. Z.	550.00
Aug 1	Received from A. B.	600.00
Aug 15	Received from C. D.	650.00
Sep 1	Received from E. F.	700.00
Sep 15	Received from G. H.	750.00
Oct 1	Received from I. J.	800.00
Oct 15	Received from K. L.	850.00
Nov 1	Received from M. N.	900.00
Nov 15	Received from O. P.	950.00
Dec 1	Received from Q. R.	1000.00
Dec 15	Received from S. T.	1050.00
Total		10000.00

No. 14-45 Date VII/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	59	194.7	14	46.2
2	3 6.3	45	148.5	11	36.3
3	3 6.3	45	148.5	10	33.0
4		67	221.1	11	36.3
5		64	211.2	10	33.0
6		57	188.1	14	46.2
7		40	132.0	12	39.6
8		47	153.1	17	56.1
9		45	148.5	11	36.3
10		59	194.7	11	36.3
T		1742.4		399.3	
\bar{x} 6.3		174.2		39.9	

Sertoli Cells: seen

Remarks: _____

Year	Month	Day	Time	Location	Notes
1900	Jan	1	10:00	St. Paul	Arrived
1900	Jan	2	11:00	St. Paul	Left
1900	Jan	3	12:00	St. Paul	Arrived
1900	Jan	4	13:00	St. Paul	Left
1900	Jan	5	14:00	St. Paul	Arrived
1900	Jan	6	15:00	St. Paul	Left
1900	Jan	7	16:00	St. Paul	Arrived
1900	Jan	8	17:00	St. Paul	Left
1900	Jan	9	18:00	St. Paul	Arrived
1900	Jan	10	19:00	St. Paul	Left
1900	Jan	11	20:00	St. Paul	Arrived
1900	Jan	12	21:00	St. Paul	Left
1900	Jan	13	22:00	St. Paul	Arrived
1900	Jan	14	23:00	St. Paul	Left
1900	Jan	15	24:00	St. Paul	Arrived
1900	Jan	16	25:00	St. Paul	Left
1900	Jan	17	26:00	St. Paul	Arrived
1900	Jan	18	27:00	St. Paul	Left
1900	Jan	19	28:00	St. Paul	Arrived
1900	Jan	20	29:00	St. Paul	Left
1900	Jan	21	30:00	St. Paul	Arrived
1900	Jan	22	31:00	St. Paul	Left
1900	Jan	23	32:00	St. Paul	Arrived
1900	Jan	24	33:00	St. Paul	Left
1900	Jan	25	34:00	St. Paul	Arrived
1900	Jan	26	35:00	St. Paul	Left
1900	Jan	27	36:00	St. Paul	Arrived
1900	Jan	28	37:00	St. Paul	Left
1900	Jan	29	38:00	St. Paul	Arrived
1900	Jan	30	39:00	St. Paul	Left
1900	Jan	31	40:00	St. Paul	Arrived

14-48

Date VIII/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	31	102.3	
2	3 6.3	25	82.5	
		25	82.5	
3				
		36	118.8	
4				
		30	99.0	
5				
		35	115.5	
6				
		29	95.7	
7				
		28	92.4	
8				
		39	128.7	
9				
		40	132.0	
10				
T		1049.4		
\bar{x} 6.3		104.9		

Sertoli Cells: seen

Remarks:

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No. 14-50Date July 1/60Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	63	207.9	13	42.9
2	3 6.3	64	211.2	10	33.0
3	3 6.3	53	174.9	14	46.2
4		41	135.3	10	33.0
5		47	155.1	10	33.0
6		43	141.9	7	23.1
7		56	184.8	9	29.7
8		47	155.1	6	19.8
9		50	165.0	10	33.0
10		41	135.3	10	33.0
T		1666.5		326.7	
\bar{x} 6.3		166.6		32.7	

Sertoli Cells: seen

Remarks: _____

E = 33.0

(3)

_____ PERIOD 10-1990

_____ PERIOD 10-1990

No. 14-51 Date VII/1/60

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1	3	6.3	64	211.2	6	19.8
2			52	171.6	13	42.9
3			51	168.3	8	26.4
4			55	181.5	10	33.0
5			52	171.6	11	36.3
6			61	201.3	13	42.9
7			55	181.5	10	33.0
8			60	198.0	12	39.6
9			47	155.1	9	29.7
10			54	178.2	11	36.3
T			1818.3		339.9	
\bar{x} 6.3			181.8		34.0	

Sertoli Cells: seen

Remarks: _____

E = 49.5 μ

(2)



No. 14-52 Date 10/6/61

Spermatogenic Condition 76

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	14 - 46.2
2	55 181.5	9 29.7
3	72 237.6	13 42.9
4	49 161.7	10 33.0
5	54 178.2	13 42.9
6	58 191.4	17 56.1
7	57 168.3	14 46.2
8	57 168.3	11 36.3
9	65 214.5	11 36.3
10	52 171.6	12 39.6
T	1887.6	409.2
\bar{x}	188.8	40.9

Sertoli Cells: seen

Remarks: _____

$E = 36.3 \mu$ (3)

No. 14-55 Date VI/6/61

Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	65	214.5	12	39.6
2	3 6.3	51	148.3	10	33.0
3		43	141.9	11	36.3
4		58	191.4	11	36.3
5		53	174.9	18	59.4
6		57	188.1	9	29.7
7		58	191.4	8	26.4
8		57	188.1	11	36.3
9		55	181.5	11	36.3
10		53	174.9	10	33.0
T		1815.0		366.3	
\bar{x} 6.3		181.5		36.6	

Sertoli Cells: seen

Remarks: _____

E: 26.4 μ 6

No. 14-54Date 11/6/61Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1	3	6.3	48	158.4	10	33.0
2	3	6.3	54	178.2	11	36.3
3			52	171.6	10	33.0
4			53	174.9	14	46.2
5			45	148.5	14	46.2
6			41	135.3	12	39.6
7			57	168.3	14	46.2
8			38	125.4	12	39.6
9			45	148.5	9	29.7
10			53	174.9	12	39.6
T				1584.0		389.4
\bar{x}	6.3			158.4		38.9

Sertoli Cells: seen

Remarks: _____

E = 39.6 μ 0

Date		Time		Location		Remarks	
10/10/2023	10:00	10:15	10:30	10:45	11:00	11:15	11:30
10/10/2023	11:45	12:00	12:15	12:30	12:45	13:00	13:15
10/10/2023	13:30	13:45	14:00	14:15	14:30	14:45	15:00
10/10/2023	15:15	15:30	15:45	16:00	16:15	16:30	16:45
10/10/2023	17:00	17:15	17:30	17:45	18:00	18:15	18:30
10/10/2023	18:45	19:00	19:15	19:30	19:45	20:00	20:15
10/10/2023	20:30	20:45	21:00	21:15	21:30	21:45	22:00
10/10/2023	22:15	22:30	22:45	23:00	23:15	23:30	23:45
10/10/2023	24:00	24:15	24:30	24:45	25:00	25:15	25:30
10/10/2023	25:45	26:00	26:15	26:30	26:45	27:00	27:15
10/10/2023	27:30	27:45	28:00	28:15	28:30	28:45	29:00
10/10/2023	29:15	29:30	29:45	30:00	30:15	30:30	30:45
10/10/2023	31:00	31:15	31:30	31:45	32:00	32:15	32:30
10/10/2023	32:45	33:00	33:15	33:30	33:45	34:00	34:15
10/10/2023	34:30	34:45	35:00	35:15	35:30	35:45	36:00
10/10/2023	36:15	36:30	36:45	37:00	37:15	37:30	37:45
10/10/2023	38:00	38:15	38:30	38:45	39:00	39:15	39:30
10/10/2023	39:45	40:00	40:15	40:30	40:45	41:00	41:15
10/10/2023	41:30	41:45	42:00	42:15	42:30	42:45	43:00
10/10/2023	43:15	43:30	43:45	44:00	44:15	44:30	44:45
10/10/2023	45:00	45:15	45:30	45:45	46:00	46:15	46:30
10/10/2023	46:45	47:00	47:15	47:30	47:45	48:00	48:15
10/10/2023	48:30	48:45	49:00	49:15	49:30	49:45	50:00
10/10/2023	50:15	50:30	50:45	51:00	51:15	51:30	51:45
10/10/2023	52:00	52:15	52:30	52:45	53:00	53:15	53:30
10/10/2023	53:45	54:00	54:15	54:30	54:45	55:00	55:15
10/10/2023	55:30	55:45	56:00	56:15	56:30	56:45	57:00
10/10/2023	57:15	57:30	57:45	58:00	58:15	58:30	58:45
10/10/2023	59:00	59:15	59:30	59:45	60:00	60:15	60:30
10/10/2023	60:45	61:00	61:15	61:30	61:45	62:00	62:15
10/10/2023	62:30	62:45	63:00	63:15	63:30	63:45	64:00
10/10/2023	64:15	64:30	64:45	65:00	65:15	65:30	65:45
10/10/2023	66:00	66:15	66:30	66:45	67:00	67:15	67:30
10/10/2023	67:45	68:00	68:15	68:30	68:45	69:00	69:15
10/10/2023	69:30	69:45	70:00	70:15	70:30	70:45	71:00
10/10/2023	71:15	71:30	71:45	72:00	72:15	72:30	72:45
10/10/2023	73:00	73:15	73:30	73:45	74:00	74:15	74:30
10/10/2023	74:45	75:00	75:15	75:30	75:45	76:00	76:15
10/10/2023	76:30	76:45	77:00	77:15	77:30	77:45	78:00
10/10/2023	78:15	78:30	78:45	79:00	79:15	79:30	79:45
10/10/2023	80:00	80:15	80:30	80:45	81:00	81:15	81:30
10/10/2023	81:45	82:00	82:15	82:30	82:45	83:00	83:15
10/10/2023	83:30	83:45	84:00	84:15	84:30	84:45	85:00
10/10/2023	85:15	85:30	85:45	86:00	86:15	86:30	86:45
10/10/2023	87:00	87:15	87:30	87:45	88:00	88:15	88:30
10/10/2023	88:45	89:00	89:15	89:30	89:45	90:00	90:15
10/10/2023	90:30	90:45	91:00	91:15	91:30	91:45	92:00
10/10/2023	92:15	92:30	92:45	93:00	93:15	93:30	93:45
10/10/2023	94:00	94:15	94:30	94:45	95:00	95:15	95:30
10/10/2023	95:45	96:00	96:15	96:30	96:45	97:00	97:15
10/10/2023	97:30	97:45	98:00	98:15	98:30	98:45	99:00
10/10/2023	99:15	99:30	99:45	100:00	100:15	100:30	100:45
10/10/2023	101:00	101:15	101:30	101:45	102:00	102:15	102:30
10/10/2023	102:45	103:00	103:15	103:30	103:45	104:00	104:15
10/10/2023	104:30	104:45	105:00	105:15	105:30	105:45	106:00
10/10/2023	106:15	106:30	106:45	107:00	107:15	107:30	107:45
10/10/2023	108:00	108:15	108:30	108:45	109:00	109:15	109:30
10/10/2023	109:45	110:00	110:15	110:30	110:45	111:00	111:15
10/10/2023	111:30	111:45	112:00	112:15	112:30	112:45	113:00
10/10/2023	113:15	113:30	113:45	114:00	114:15	114:30	114:45
10/10/2023	115:00	115:15	115:30	115:45	116:00	116:15	116:30
10/10/2023	116:45	117:00	117:15	117:30	117:45	118:00	118:15
10/10/2023	118:30	118:45	119:00	119:15	119:30	119:45	120:00
10/10/2023	120:15	120:30	120:45	121:00	121:15	121:30	121:45
10/10/2023	122:00	122:15	122:30	122:45	123:00	123:15	123:30
10/10/2023	123:45	124:00	124:15	124:30	124:45	125:00	125:15
10/10/2023	125:30	125:45	126:00	126:15	126:30	126:45	127:00
10/10/2023	127:15	127:30	127:45	128:00	128:15	128:30	128:45
10/10/2023	129:00	129:15	129:30	129:45	130:00	130:15	130:30
10/10/2023	130:45	131:00	131:15	131:30	131:45	132:00	132:15
10/10/2023	132:30	132:45	133:00	133:15	133:30	133:45	134:00
10/10/2023	134:15	134:30	134:45	135:00	135:15	135:30	135:45
10/10/2023	136:00	136:15	136:30	136:45	137:00	137:15	137:30
10/10/2023	137:45	138:00	138:15	138:30	138:45	139:00	139:15
10/10/2023	139:30	139:45	140:00	140:15	140:30	140:45	141:00
10/10/2023	141:15	141:30	141:45	142:00	142:15	142:30	142:45
10/10/2023	143:00	143:15	143:30	143:45	144:00	144:15	144:30
10/10/2023	144:45	145:00	145:15	145:30	145:45	146:00	146:15
10/10/2023	146:30	146:45	147:00	147:15	147:30	147:45	148:00
10/10/2023	148:15	148:30	148:45	149:00	149:15	149:30	149:45
10/10/2023	150:00	150:15	150:30	150:45	151:00	151:15	151:30
10/10/2023	151:45	152:00	152:15	152:30	152:45	153:00	153:15
10/10/2023	153:30	153:45	154:00	154:15	154:30	154:45	155:00
10/10/2023	155:15	155:30	155:45	156:00	156:15	156:30	156:45
10/10/2023	157:00	157:15	157:30	157:45	158:00	158:15	158:30
10/10/2023	158:45	159:00	159:15	159:30	159:45	160:00	160:15
10/10/2023	160:30	160:45	161:00	161:15	161:30	161:45	162:00
10/10/2023	162:15	162:30	162:45	163:00	163:15	163:30	163:45
10/10/2023	164:00	164:15	164:30	164:45	165:00	165:15	165:30
10/10/2023	165:45	166:00	166:15	166:30	166:45	167:00	167:15
10/10/2023	167:30	167:45	168:00	168:15	168:30	168:45	169:00
10/10/2023	169:15	169:30	169:45	170:00	170:15	170:30	170:45
10/10/2023	171:00	171:15	171:30	171:45	172:00	172:15	172:30
10/10/2023	172:45	173:00	173:15	173:30	173:45	174:00	174:15
10/10/2023	174:30	174:45	175:00	175:15	175:30	175:45	176:00
10/10/2023	176:15	176:30	176:45	177:00	177:15	177:30	177:45
10/10/2023	178:00	178:15	178:30	178:45	179:00	179:15	179:30
10/10/2023	179:45	180:00	180:15	180:30	180:45	181:00	181:15
10/10/2023	181:30	181:45	182:00	182:15	182:30	182:45	183:00
10/10/2023	183:15	183:30	183:45	184:00	184:15	184:30	184:45
10/10/2023	185:00	185:15	185:30	185:45	186:00	186:15	186:30
10/10/2023	186:45	187:00	187:15	187:30	187:45	188:00	188:15
10/10/2023	188:30	188:45	189:00	189:15	189:30	189:45	190:00
10/10/2023	190:15	190:30	190:45	191:00	191:15	191:30	191:45
10/10/2023	192:00	192:15	192:30	192:45	193:00	193:15	193:30
10/10/2023	193:45	194:00	194:15	194:30	194:45	195:00	195:15
10/10/2023	195:30	195:45	196:00	196:15	196:30	196:45	197:00
10/10/2023	197:15	197:30	197:45	198:00	198:15	198:30	198:45
10/10/2023	199:00	199:15	199:30	199:45	200:00	200:15	200:30
10/10/2023	200:45	201:00	201:15	201:30	201:45	202:00	202:15
10/10/2023	202:30	202:45	203:00	203:15	203:30	203:45	204:00
10/10/2023	204:15	204:30	204:45	205:00	205:15	205:30	205:45
10/10/2023	206:00	206:15	206:30	206:45	207:00	207:15	207:30
10/10/2023	207:45	208:00	208:15	208:30	208:45	209:00	209:15
10/10/2023	209:30	209:45	210:00	210:15	210:30	210:45	211:00
10/10/2023	211:15	211:30	211:45	212:00	212:15	212:30	212:45
10/10/2023	213:00	213:15	213:30	213:45	214:00	214:15	214:30
10/10/2023	214:45	215:00	215:15	215:30	215:45	216:00	216:15
10/10/2023	216:30	216:45	217:00	217:15	217:30	217:45	218:00
10/10/2023	218:15	218:30	218:45	219:00	219:15	219:30	219:45
10/10/2023	220:00	220:15	220:30	220:45	221:00	221:15	221:30
10/10/2023	221:45	222:00	222:15	222:30	222:45	223:00	223:15
10/10/2023	223:30	223:45	224:00	224:15	224:30	224:45	225:00
10/10/2023	225:15	225:30	225:45	226:00	226:15	226:30	226:45
10/10/2023	227:00	227:15	227:30	227:45	228:00	228:15	228:30
10/10/2023	228:45	229:00	229:15	229:30	229:45	230:00	230:15
10/10/2023	230:30	230:45	231:00	231:15	231:30	231:45	232:00
10/10/2023	232:15	232:30	232:45	233:00	233:15	233:30	233:45
10/10/2023	234:00	234:15	234:30	234:45	235:00	235:15	235:30
10/10/2023	235:45	236:00	236:15	236:30	236:45	237:00	237:15
10/10/2023	237:30	237:45	238:00	238:15	238:30	238:45	239:00

No. 14-58 Date VII/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam. ⁽³⁾		Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	3 6.3	54 - 178.2	12 - 39.6
2	3 6.3	45 148.5	11 36.3
3		43 141.9	12 39.6
4		42 138.6	13 42.9
5		45 214.5	15 49.5
6		49 161.7	17 56.1
7		49 161.7	10 33.0
8		35 115.5	11 36.3
9		52 171.6	11 36.3
10		55 181.5	13 42.9
T		1613.7	412.5
\bar{x} 6.3		161.4	41.2

Sertoli Cells: seen

Remarks: _____

$E = 33.0 \mu$

(2)



No. 14-59 Date 1X/6/

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

$\bar{E} = 23.1 \mu$ (3)

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No. 14-60 Date 10/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: sheepded tissue

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

Received 18 June 2002
Accepted 10 July 2002

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

...and the fact that the *Journal* is a journal of the American Psychological Association, the largest and most influential organization in the field of psychology, is a testament to the journal's impact on the field.

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2

Abstract

Journal of Management Education 35(10)

No. 14-61 Date 10/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
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5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: poor slide

General Condition

Seminiferous tubule diam.	Seminiferous tubule diam.	Interstitial Cell diam. diam.
		1
		2
		3
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		97
		98
		99
		100

Sertoli Cells:

Remarks:

No. 14-62 Date 4/6/62
Spermatogenic Condition G?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	10 33.0
2	54 178.2	10 33.0
3		
4		
5		
6		
7		
8		
9		
10		
T	333.3	
\bar{x}	166.6	33.0

Sertoli Cells: _____

Remarks: poor tissue

No. 14-64 Date 11/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	10 · 33.0
2	55 181.5	20 66.0
3	67 221.1	10 33.0
4	67 221.1	6 19.8
5	61 201.3	18 59.4
6	60 198.0	10 33.0
7	41 135.3	10 33.0
8	45 148.5	16 52.8
9	46 151.8	14 46.2
10	55 181.5	16 52.8
T	1854.6	429.0
\bar{x}	185.5	42.9

Sertoli Cells: seen

Remarks: tubules widely separated

No. 14-65 Date 11/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	60	198.0	17	52.1
2	3 6.3	52	171.6	11	36.3
3	3 6.3	70	231.0	17	52.1
4		61	201.3	10	33.0
5		69	227.7	13	42.9
6		65	214.5	15	49.5
7		62	204.6	11	36.3
8		70	231.0	19	62.7
9		60	198.0	15	49.5
10		57	188.1	12	39.6
T		2065.8		462.0	
\bar{x} 6.3		206.6		46.2	

Sertoli Cells: seen

Remarks: _____

E = 39.64

(3)

	Interstitial Cells Semiferrous		Semiferrous	
	nucleus diam.	cytoplasm diam.	epith. height	
1	4.3	17.0	17.0	
2	4.3	17.4	17.3	
3	4.3	17.0	17.1	
4		17.0	17.0	
5		17.0	17.0	
6		17.2	17.1	
7		17.4	17.3	
8		17.0	17.0	
9		17.0	17.0	
10		17.1	17.0	
T		17.0	17.0	
\bar{x}	4.3	17.0	17.0	

Section Cells: 10
 Remarks:

No. 14-66 Date 1/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51 - 168.3	8 - 26.4
2	60 198.0	9 29.7
3	59 194.7	17 56.1
4	61 201.3	12 39.6
5	61 201.3	12 39.6
6	67 221.1	9 29.7
7	50 165.0	10 33.0
8	49 161.7	10 33.0
9	58 191.4	12 39.6
10	51 168.3	10 33.0
T	1871.1	359.7
\bar{x}	187.1	36.0

Sertoli Cells: seen

Remarks: poor tissue

No. 14-67Date 4/62Spermatogenic Condition (3)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> <u>63</u>	<u>55</u> - <u>181.5</u>	<u>11</u> - <u>36.3</u>
2 <u>3</u> <u>63</u>	<u>63</u> <u>207.9</u>	<u>12</u> <u>39.6</u>
3	<u>62</u> <u>204.6</u>	<u>18</u> <u>59.1</u>
4	<u>63</u> <u>207.9</u>	<u>10</u> <u>33.0</u>
5	<u>46</u> <u>151.8</u>	<u>11</u> <u>36.3</u>
6	<u>57</u> <u>188.1</u>	<u>11</u> <u>36.3</u>
7	<u>54</u> <u>178.2</u>	<u>11</u> <u>36.3</u>
8	<u>65</u> <u>214.5</u>	<u>17</u> <u>56.1</u>
9	<u>67</u> <u>221.1</u>	<u>10</u> <u>33.0</u>
10	<u>49</u> <u>161.7</u>	<u>11</u> <u>36.3</u>
T	<u>1917.3</u>	<u>402.6</u>
\bar{x} <u>6.3</u>	<u>191.7</u>	<u>40.3</u>

Sertoli Cells: seen

Remarks: _____

E = 46.2 μ (3)



No. 14-72

Date 11/63

Spermatogenic Condition

9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	28	92.4	
2	3 6.3	24	85.8	
3	3 6.3	33	108.9	
4		25	82.5	
5		30	99.0	
6		30	99.0	
7		33	108.9	
8		26	85.8	
9		33	108.9	
10		26	85.8	
T		957.0		
\bar{x} 6.3		95.7		

Sertoli Cells: seen

Remarks:

[illegible]

No. 14-73

Date V/63

Spermatogenic Condition

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	30	99.0	
2		24	79.2	
3		27	89.1	
4		26	85.8	
5		27	89.1	
6		32	105.6	
7		30	99.0	
8		31	102.3	
9		28	92.4	
10		34	112.2	
T		953.7		
\bar{x} 6.3		95.4		

Sertoli Cells: seen

Remarks:

No. 14-75 Date VI/63

Spermatogenic Condition 9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3	6.3	29 - 95.7	
2	3	6.3	34 112.2	
3			41 135.3	
4			36 118.8	
5			33 108.9	
6			41 135.3	
7			22 72.6	
8			28 92.4	
9			35 115.5	
10			27 89.1	
T			1075.8	
\bar{x} 6.3			107.6	

Sertoli Cells: seen

Remarks: small piece

Date

Systematic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	97.5	10.5
2	114.5	11.5
3	132.3	12.3
4	118.8	11.8
5	108.7	10.8
6	138.3	13.8
7	125.4	12.5
8	151.4	15.1
9	112.7	11.2
10	81.1	8.1
T	1078.7	
\bar{x}	107.87	

Sertoli Cells:

Remarks:

No. 14-76 Date 11/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	45 - 148.5	10 - 33.0
2	55 181.5	11 36.3
3	50 165.0	10 33.0
4	50 165.0	10 33.0
5	48 158.4	11 36.3
6	60 198.0	9 29.7
7	49 161.7	14 46.2
8	54 178.2	18 59.4
9	49 161.7	8 26.4
10	71 234.3	12 39.6
T	1252.3	372.9
\bar{x} 6.3	125.2	37.3

Sertoli Cells: seen

Remarks: _____

No. 14-77Date VI/63Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	23 75.9	
2 3 6.3	22 72.6	
3	19 62.7	
4	21 69.3	
5	19 62.7	
6	22 72.6	
7	21 69.3	
8	23 75.9	
9	24 79.2	
10	18 59.4	
T	699.6	
\bar{x} 6.3	70.0	

Sertoli Cells: seenRemarks: _____

Advertisement Classification	Number of Circulation	Number of Circulation	Number of Circulation
700	100	100	100
200	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100

Cnemidophorus
tigris

Chemidophorus
tigris

No. 20-5 Date 12/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1	16 52.8	
2	13 42.9	
3	16 52.8	
4	15 49.5	
5	16 52.8	
6	17 56.1	
7	17 56.1	
8	14 46.2	
9	18 59.4	
10	22 72.6	
T	541.2	
\bar{x}	54.1	

Sertoli Cells: seen

Remarks: stain faint

No. 20-8Date 2/5-9Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	66 - 217.8	12 - 39.6
2	66 - 217.8	16 - 52.8
3	44 - 145.2	18 - 59.4
4	38 - 125.4	11 - 36.3
5	56 - 184.8	11 - 36.3
6	58 - 191.4	11 - 36.3
7	53 - 174.9	13 - 42.9
8		
9		
10		
T	1257.3	303.6
\bar{x}	179.6	43.4

Sertoli Cells: seenRemarks: stain faint

Page No. _____ Date _____

Experiment No. _____

Sl. No.	Initial Reading	Final Reading	Calculation
1	0.00	0.00	
2	0.00	0.00	
3	0.00	0.00	
4	0.00	0.00	
5	0.00	0.00	
6	0.00	0.00	
7	0.00	0.00	
8	0.00	0.00	
9	0.00	0.00	
10	0.00	0.00	
11	0.00	0.00	
12	0.00	0.00	
13	0.00	0.00	
14	0.00	0.00	
15	0.00	0.00	
16	0.00	0.00	
17	0.00	0.00	
18	0.00	0.00	
19	0.00	0.00	
20	0.00	0.00	
21	0.00	0.00	
22	0.00	0.00	
23	0.00	0.00	
24	0.00	0.00	
25	0.00	0.00	
26	0.00	0.00	
27	0.00	0.00	
28	0.00	0.00	
29	0.00	0.00	
30	0.00	0.00	
31	0.00	0.00	
32	0.00	0.00	
33	0.00	0.00	
34	0.00	0.00	
35	0.00	0.00	
36	0.00	0.00	
37	0.00	0.00	
38	0.00	0.00	
39	0.00	0.00	
40	0.00	0.00	
41	0.00	0.00	
42	0.00	0.00	
43	0.00	0.00	
44	0.00	0.00	
45	0.00	0.00	
46	0.00	0.00	
47	0.00	0.00	
48	0.00	0.00	
49	0.00	0.00	
50	0.00	0.00	
51	0.00	0.00	
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53	0.00	0.00	
54	0.00	0.00	
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72	0.00	0.00	
73	0.00	0.00	
74	0.00	0.00	
75	0.00	0.00	
76	0.00	0.00	
77	0.00	0.00	
78	0.00	0.00	
79	0.00	0.00	
80	0.00	0.00	
81	0.00	0.00	
82	0.00	0.00	
83	0.00	0.00	
84	0.00	0.00	
85	0.00	0.00	
86	0.00	0.00	
87	0.00	0.00	
88	0.00	0.00	
89	0.00	0.00	
90	0.00	0.00	
91	0.00	0.00	
92	0.00	0.00	
93	0.00	0.00	
94	0.00	0.00	
95	0.00	0.00	
96	0.00	0.00	
97	0.00	0.00	
98	0.00	0.00	
99	0.00	0.00	
100	0.00	0.00	

Result: _____

Conclusion: _____

Remarks: _____

Signature: _____

Date: _____

No. 20-9 Date Nov / 59

Spermatogenic Condition critic

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
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7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: Stage difficult to determine,
thick layer of cells between tunica
& tubules; stain faint

12/1/1911

Spent at the University of Chicago

Investigation of the
University of Chicago

1

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12

Spent at the University of Chicago

Spent at the University of Chicago
Spent at the University of Chicago
Spent at the University of Chicago

No. 20-11

Date VIII/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
------------------------------------	------------------------------	-------------------------------

Sertoli Cells: _____

Remarks: no testis



No. 10-29 Date 6/60
6
Spermatogenic Condition (2)

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	4	8.4	58	191.4	15 - 49.5
2	3	6.3	72	237.6	18 59.4
3			54	178.2	10 33.0
4			69	227.7	13 42.9
5			55	181.5	22 72.6
6			52	184.8	14 46.2
7			59	194.7	14 46.2
8			65	214.5	18 59.4
9			65	214.5	21 69.3
10			64	211.2	12 39.6
T		14.7	2036.1		518.1
\bar{x}		7.4	203.6		51.8

Sertoli Cells: seen

Remarks: ? layer present
tubules separating

THE UNIVERSITY OF CHICAGO

NAME		ADDRESS		CITY		STATE	
1	Mr. J. H. Smith	123 Main St.	Chicago	Ill.	60601		
2	Mr. A. B. Jones	456 Oak St.	Chicago	Ill.	60602		
3	Mr. C. D. Brown	789 Elm St.	Chicago	Ill.	60603		
4	Mr. E. F. Green	1011 Maple St.	Chicago	Ill.	60604		
5	Mr. G. H. White	1313 Cedar St.	Chicago	Ill.	60605		
6	Mr. I. J. Black	1615 Birch St.	Chicago	Ill.	60606		
7	Mr. K. L. Gray	1917 Pine St.	Chicago	Ill.	60607		
8	Mr. M. N. Hall	2219 Spruce St.	Chicago	Ill.	60608		
9	Mr. O. P. King	2521 Willow St.	Chicago	Ill.	60609		
10	Mr. Q. R. Lee	2823 Hickory St.	Chicago	Ill.	60610		
11	Mr. S. T. Scott	3125 Ash St.	Chicago	Ill.	60611		
12	Mr. U. V. Walker	3427 Sycamore St.	Chicago	Ill.	60612		
13	Mr. W. X. Young	3729 Poplar St.	Chicago	Ill.	60613		
14	Mr. Y. Z. Allen	4031 Magnolia St.	Chicago	Ill.	60614		
15	Mr. A. B. Carter	4333 Dogwood St.	Chicago	Ill.	60615		
16	Mr. C. D. Evans	4635 Redwood St.	Chicago	Ill.	60616		
17	Mr. E. F. Harris	4937 Cypress St.	Chicago	Ill.	60617		
18	Mr. G. H. Clark	5239 Juniper St.	Chicago	Ill.	60618		
19	Mr. I. J. Lewis	5541 Fir St.	Chicago	Ill.	60619		
20	Mr. K. L. Robinson	5843 Laurel St.	Chicago	Ill.	60620		
21	Mr. M. N. Turner	6145 Hawthorn St.	Chicago	Ill.	60621		
22	Mr. O. P. Phillips	6447 Rosewood St.	Chicago	Ill.	60622		
23	Mr. Q. R. Campbell	6749 Ironwood St.	Chicago	Ill.	60623		
24	Mr. S. T. Mitchell	7051 Boxwood St.	Chicago	Ill.	60624		
25	Mr. U. V. Parker	7353 Yewwood St.	Chicago	Ill.	60625		
26	Mr. W. X. Evans	7655 Hemlock St.	Chicago	Ill.	60626		
27	Mr. Y. Z. Green	7957 Cedarwood St.	Chicago	Ill.	60627		
28	Mr. A. B. Baker	8259 Elmwood St.	Chicago	Ill.	60628		
29	Mr. C. D. Nelson	8561 Maplewood St.	Chicago	Ill.	60629		
30	Mr. E. F. Hill	8863 Oakwood St.	Chicago	Ill.	60630		
31	Mr. G. H. Scott	9165 Birchwood St.	Chicago	Ill.	60631		
32	Mr. I. J. Walker	9467 Pinewood St.	Chicago	Ill.	60632		
33	Mr. K. L. Young	9769 Sprucewood St.	Chicago	Ill.	60633		
34	Mr. M. N. Allen	10071 Willowwood St.	Chicago	Ill.	60634		
35	Mr. O. P. King	10373 Hickorywood St.	Chicago	Ill.	60635		
36	Mr. Q. R. Lee	10675 Ashwood St.	Chicago	Ill.	60636		
37	Mr. S. T. Scott	10977 Sycamorewood St.	Chicago	Ill.	60637		
38	Mr. U. V. Walker	11279 Poplarwood St.	Chicago	Ill.	60638		
39	Mr. W. X. Young	11581 Magnoliawood St.	Chicago	Ill.	60639		
40	Mr. Y. Z. Allen	11883 Dogwoodwood St.	Chicago	Ill.	60640		
41	Mr. A. B. Carter	12185 Redwoodwood St.	Chicago	Ill.	60641		
42	Mr. C. D. Evans	12487 Cypresswood St.	Chicago	Ill.	60642		
43	Mr. E. F. Harris	12789 Juniperwood St.	Chicago	Ill.	60643		
44	Mr. G. H. Clark	13091 Firwood St.	Chicago	Ill.	60644		
45	Mr. I. J. Lewis	13393 Laurelwood St.	Chicago	Ill.	60645		
46	Mr. K. L. Robinson	13695 Hawthornwood St.	Chicago	Ill.	60646		
47	Mr. M. N. Turner	13997 Rosewoodwood St.	Chicago	Ill.	60647		
48	Mr. O. P. Phillips	14299 Ironwoodwood St.	Chicago	Ill.	60648		
49	Mr. Q. R. Campbell	14601 Boxwoodwood St.	Chicago	Ill.	60649		
50	Mr. S. T. Mitchell	14903 Yewwoodwood St.	Chicago	Ill.	60650		

Continued on next page

Page 1 of 2

No. 20-10Date 11/59Spermatogenic Condition 7

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	50	165.0	10	33.0
2	55	181.5	12	39.6
3	58	191.4	14	46.2
4	52	171.6	12	39.6
5	64	211.2	21	69.3
6	60	198.0	9	29.7
7	58	191.4	20	66.0
8	55	181.5	17	56.1
9	45	148.5	12	39.6
10	47	155.1	9	29.7
T	1795.2		448.8	
\bar{x}	179.5		44.9	

Sertoli Cells: seenRemarks: stain faint? layer ~ 42.9 μ thick

Date _____ Page _____

Subject _____

Serial No.	Particulars	Debit	Credit	Balance
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Total _____

Signature _____

Date _____

No. 20-13Date 18/59Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	30 99.0	
3	23 75.9	
4	23 75.9	
5	22 72.6	
6	21 69.3	
7	22 72.6	
8	22 72.6	
9	25 82.5	
10	26 85.8	
T	792.0	
\bar{x}	79.2	

Sertoli Cells: seenRemarks: stain faint? layer ~ 36.3 μ thick

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

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1950-1951

No. 20-15 Date IX/59

Spermatogenic Condition ② ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	35 - 115.5	
2	31 102.3	
3	29 95.7	
4	43 141.9	
5	35 115.5	
6	29 95.7	
7	39 128.7	
8	36 118.8	
9	58 125.4	
10	35 115.5	
T	1155.0	
\bar{x}	115.5	

Sertoli Cells: seen

Remarks: open area centrally - tubules
don't appear to be torn
? layer ~ 46.2 μ thick, cells appear to
be arranged in groups, no interstitial
cells

1880

1880

General and
Particulars

Amount of the
Debt

1880	1880
1880	1880
1880	1880
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No. 20-19 Date 14/60
 Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	7	77 - 254.1	16 - 52.8
2	'	62 204.6	20 66.0
3		60 198.0	17 56.1
4		50 165.0	9 29.7
5		61 201.3	13 42.9
6		54 178.2	19 62.7
7		57 188.1	9 29.7
8		55 181.5	16 52.8
9		46 157.8	12 39.6
10		54 178.2	16 52.8
T		1900.8	485.1
\bar{x}		190.1	48.5

Sertoli Cells: seen

Remarks: ? layer vacuolated, several nucleoli / nucleus in both large & small nuclei, layer seems to invade between tubules for some distance, ~ 194.7 μ thick

No. 20-21 Date 14/60

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	?	58 - 191.4	15 - 49.5
2		57 188.1	12 39.6
3		57 178.2	12 39.6
4		57 188.1	12 39.6
5		60 198.0	12 39.6
6		70 231.0	16 52.8
7		65 214.5	16 52.8
8		63 207.9	11 36.3
9		52 184.8	12 39.6
10		62 204.6	13 42.9
T		1986.6	4132.3
\bar{x}		198.7	413.2

Sertoli Cells: seen

Remarks: ? layer ~ 148.5 μ

No. 20-24 Date 1/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1 ?	70 - 231.0	16 - 52.8
2	59 194.7	22 72.6
3	79 240.7	23 75.9
4	77 254.1	13 42.9
5	62 204.6	11 36.3
6	77 254.1	13 42.9
7	67 221.1	14 46.2
8	70 231.0	18 59.4
9	83 273.9	26 85.8
10	67 221.1	21 69.3
T	2346.3	584.1
\bar{x}	234.6	58.4

Sertoli Cells: seen

Remarks: ? layer ~ 102.3 μ thick



No. 20-27 Date 4/60
6

Spermatogenic Condition

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1 7	66 217.8	13 - 42.9
2 ' 1	70 231.0	14 46.2
3	65 214.5	12 56.1
4	67 221.1	13 42.9
5	55 181.5	15 49.5
6	68 224.4	20 66.0
7	72 237.6	18 59.4
8	57 188.1	10 33.0
9	67 221.1	12 39.6
10	78 257.4	13 42.9
T	2194.5	478.5
\bar{x}	219.4	47.8

Sertoli Cells: seen

Remarks: large clumps of what look
like 2° spermatocyte nuclei w/in 1
cell in most tubules
? layer - 33.0 μ thick

Serial Number	Particulars	Debit	Credit	Balance
1	By Balance b/d		100.00	100.00
2	To Cash	50.00		50.00
3	By Cash		25.00	75.00
4	To Cash	25.00		50.00
5	By Cash		10.00	60.00
6	To Cash	10.00		50.00
7	By Cash		5.00	55.00
8	To Cash	5.00		50.00
9	By Cash		5.00	55.00
10	To Cash	5.00		50.00
11	By Cash		5.00	55.00
12	To Cash	5.00		50.00
13	By Cash		5.00	55.00
14	To Cash	5.00		50.00
15	By Cash		5.00	55.00
16	To Cash	5.00		50.00
17	By Cash		5.00	55.00
18	To Cash	5.00		50.00
19	By Cash		5.00	55.00
20	To Cash	5.00		50.00
21	By Cash		5.00	55.00
22	To Cash	5.00		50.00
23	By Cash		5.00	55.00
24	To Cash	5.00		50.00
25	By Cash		5.00	55.00
26	To Cash	5.00		50.00
27	By Cash		5.00	55.00
28	To Cash	5.00		50.00
29	By Cash		5.00	55.00
30	To Cash	5.00		50.00
31	By Cash		5.00	55.00
32	To Cash	5.00		50.00
33	By Cash		5.00	55.00
34	To Cash	5.00		50.00
35	By Cash		5.00	55.00
36	To Cash	5.00		50.00
37	By Cash		5.00	55.00
38	To Cash	5.00		50.00
39	By Cash		5.00	55.00
40	To Cash	5.00		50.00
41	By Cash		5.00	55.00
42	To Cash	5.00		50.00
43	By Cash		5.00	55.00
44	To Cash	5.00		50.00
45	By Cash		5.00	55.00
46	To Cash	5.00		50.00
47	By Cash		5.00	55.00
48	To Cash	5.00		50.00
49	By Cash		5.00	55.00
50	To Cash	5.00		50.00
51	By Cash		5.00	55.00
52	To Cash	5.00		50.00
53	By Cash		5.00	55.00
54	To Cash	5.00		50.00
55	By Cash		5.00	55.00
56	To Cash	5.00		50.00
57	By Cash		5.00	55.00
58	To Cash	5.00		50.00
59	By Cash		5.00	55.00
60	To Cash	5.00		50.00
61	By Cash		5.00	55.00
62	To Cash	5.00		50.00
63	By Cash		5.00	55.00
64	To Cash	5.00		50.00
65	By Cash		5.00	55.00
66	To Cash	5.00		50.00
67	By Cash		5.00	55.00
68	To Cash	5.00		50.00
69	By Cash		5.00	55.00
70	To Cash	5.00		50.00
71	By Cash		5.00	55.00
72	To Cash	5.00		50.00
73	By Cash		5.00	55.00
74	To Cash	5.00		50.00
75	By Cash		5.00	55.00
76	To Cash	5.00		50.00
77	By Cash		5.00	55.00
78	To Cash	5.00		50.00
79	By Cash		5.00	55.00
80	To Cash	5.00		50.00
81	By Cash		5.00	55.00
82	To Cash	5.00		50.00
83	By Cash		5.00	55.00
84	To Cash	5.00		50.00
85	By Cash		5.00	55.00
86	To Cash	5.00		50.00
87	By Cash		5.00	55.00
88	To Cash	5.00		50.00
89	By Cash		5.00	55.00
90	To Cash	5.00		50.00
91	By Cash		5.00	55.00
92	To Cash	5.00		50.00
93	By Cash		5.00	55.00
94	To Cash	5.00		50.00
95	By Cash		5.00	55.00
96	To Cash	5.00		50.00
97	By Cash		5.00	55.00
98	To Cash	5.00		50.00
99	By Cash		5.00	55.00
100	To Cash	5.00		50.00

Total Debit _____
 Total Credit _____
 Balance b/d _____
 Balance c/d _____

No. 20-28Date 11/60Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 7	65 214.5	16 - 52.8
2	70 231.0	14 46.2
3	65 214.5	13 42.9
4	77 254.1	15 49.5
5	62 204.6	18 59.4
6	84 277.2	17 56.1
7	70 231.0	22 72.6
8	66 217.8	19 62.7
9	60 198.0	19 62.7
10	65 214.5	14 46.2
T	2257.2	551.1
\bar{x}	225.7	55.1

Sertoli Cells: seen
 Remarks: tubules separating;
1 layer 69.3 μ thick

No. 20-31

Date

V/60

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	10 - 33.0
2	66 217.8	14 46.2
3	67 221.1	17 56.1
4	69 227.7	22 72.6
5	57 168.3	19 62.7
6	72 237.6	16 52.8
7	62 204.6	12 39.6
8	65 214.5	13 42.9
9	69 227.7	16 52.8
10	70 231.0	20 66.0
T	2131.8	524.7
\bar{x}	213.2	52.5

Sertoli Cells: seen

Remarks: tubules separating; stain
faint; ? layer 29.7 μ thick

Page 100

Experimental Conditions

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	0.0	0.0
2	0.1	0.1
3	0.2	0.2
4	0.3	0.3
5	0.4	0.4
6	0.5	0.5
7	0.6	0.6
8	0.7	0.7
9	0.8	0.8
10	0.9	0.9
T	5.1818	5.417
\bar{x}	5.18	5.42

Sertoli Cells:

Remarks:

Testis 1.5 x 0.5 x 0.3 cm

No. 20-34 Date VI/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	60 198.0	11 - 36.3
2	61 201.3	18 59.4
3	58 191.4	16 52.8
4	65 214.5	18 59.4
5	65 214.5	15 49.5
6	61 201.3	10 33.0
7	61 201.3	11 36.3
8	63 207.9	17 56.1
9	62 204.6	12 39.6
10	70 231.0	11 36.3
T	2065.8	458.7
\bar{x}	206.6	45.9

Sertoli Cells: seen

Remarks: ? layer = 75.9 μ

tubules separating

No. 20-35 Date VI/60

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	52 - 171.6	16 - 52.8
2	62 204.6	16 52.8
3	55 181.5	11 36.3
4	59 194.7	15 49.5
5	72 237.6	12 39.6
6	56 184.8	14 46.2
7	65 214.5	10 33.0
8	55 181.5	14 46.2
9	58 191.4	15 49.5
10	52 171.6	15 49.5
T	1933.8	455.4
\bar{x}	193.4	45.5

Sertoli Cells: seen

Remarks: tubules separating
? layer - 66.0 μ

E = 19.8 μ (3)

10/10/10

10/10/10

Interval of Soil moisture diam.	Soil Moisture diam.	Soil Moisture diam.
1	10.5	10.5
2	10.5	10.5
3	10.5	10.5
4	10.5	10.5
5	10.5	10.5
6	10.5	10.5
7	10.5	10.5
8	10.5	10.5
9	10.5	10.5
10	10.5	10.5
11	10.5	10.5
12	10.5	10.5

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

No. 20-37

Date VIII/60

Spermatogenic Condition

7

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	10 - 33.0
2	49 161.7	11 36.3
3	50 165.0	10 33.0
4	48 158.4	6 19.8
5	48 158.4	8 26.4
6	51 168.3	14 46.2
7	52 171.6	11 36.3
8	58 191.4	21 69.3
9	51 168.3	12 39.6
10	42 138.6	13 42.9
T	1630.2	382.8
\bar{x}	163.0	38.3

Sertoli Cells: seenRemarks: tubules separating3 layers 82.5 μ thick

No. 20-38

Date

VII/60

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	
2	38 125.4	
3	38 125.4	
4	32 105.6	
5	41 135.3	
6	31 102.3	
7	29 95.7	
8	29 95.7	
9	34 112.2	
10	30 99.0	
T	1118.7	
\bar{x}	111.9	

Sertoli Cells: seen

Remarks:

tubules separating
? layer ~ 69.3 μ thick, cells
more numerous



No. 20-39 Date VII/60

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous ^② tubule diam.	Seminiferous epith. height
1	40 - 132.0	
2	37 122.1	
3	35 115.5	
4	42 138.6	
5	35 - 115.5	
6	29 95.7	
7	30 99.0	
8	40 132.0	
9	41 135.3	
10	43 141.9	
T	1227.6	
\bar{x}	122.8	

Sertoli Cells: seen

Remarks: tubules separating
? layer = 36.5 μ thick

Optimal Growth Condition

Interval Cell nuclear diam.	Benign Cell tubule diam.	Benign Cell equiv. height
1	45	105.0
2	47	105.1
3	37	112.2
4	45	118.4
5	37	112.2
6	47	92.7
7	35	99.0
8	40	112.2
9	41	122.2
10	43	141.7
T		1027.6
\bar{x}		102.76

Sertoli Cells:

Remarks:

Normal - no atrophy

No. 20-40 Date VII/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	71 - 168.3	10 - 33.0
2	46 151.8	9 29.7
3	58 191.4	13 42.9
4	49 161.7	9 29.7
5	34 112.2	10 33.0
6	46 151.8	14 46.2
7	49 161.7	10 33.0
8	46 151.8	10 33.0
9	38 125.4	10 33.0
10	43 141.9	9 29.7
T	1518.0	343.2
\bar{x}	151.8	34.3

Sertoli Cells: seenRemarks: separating tubules
? layer ~ 46.2 μ thickE = 26.4 μ

(2)

Calculation of the area of the triangle

11.11.2019

Side of the triangle	Length of the side	Angle between the sides	Area of the triangle
a	5	60°	10.825
b	7	45°	13.268
c	8	75°	15.691
d	9	105°	17.913
e	10	135°	19.626
f	11	165°	20.831
g	12	195°	21.528
h	13	225°	21.717
i	14	255°	21.398
j	15	285°	20.571
k	16	315°	19.236
l	17	345°	17.393
m	18	375°	15.041
n	19	405°	12.179
o	20	435°	8.807
p	21	465°	4.924
q	22	495°	0.531
r	23	525°	-4.271
s	24	555°	-10.272
t	25	585°	-17.273
u	26	615°	-25.074
v	27	645°	-33.475
w	28	675°	-42.276
x	29	705°	-51.277
y	30	735°	-60.278
z	31	765°	-69.079
aa	32	795°	-77.480
ab	33	825°	-85.281
ac	34	855°	-92.282
ad	35	885°	-98.283
ae	36	915°	-103.084
af	37	945°	-106.485
ag	38	975°	-108.286
ah	39	1005°	-107.487
ai	40	1035°	-104.088
aj	41	1065°	-97.089
ak	42	1095°	-86.490
al	43	1125°	-72.291
am	44	1155°	-54.492
an	45	1185°	-33.093
ao	46	1215°	-8.094
ap	47	1245°	12.405
aq	48	1275°	35.406
ar	49	1305°	59.807
as	50	1335°	84.608
at	51	1365°	108.809
au	52	1395°	131.410
av	53	1425°	151.411
aw	54	1455°	168.812
ax	55	1485°	182.613
ay	56	1515°	192.814
az	57	1545°	199.415
ba	58	1575°	202.416
bb	59	1605°	201.817
bc	60	1635°	197.618
bd	61	1665°	189.819
be	62	1695°	178.420
bf	63	1725°	163.421
bg	64	1755°	144.822
bh	65	1785°	122.623
bi	66	1815°	96.824
bj	67	1845°	67.425
bk	68	1875°	34.426
bl	69	1905°	-2.173
bm	70	1935°	-34.574
bn	71	1965°	-75.575
bo	72	1995°	-114.176
bp	73	2025°	-149.377
bq	74	2055°	-180.178
br	75	2085°	-206.579
bs	76	2115°	-227.580
bt	77	2145°	-243.181
bu	78	2175°	-253.382
bv	79	2205°	-258.183
bw	80	2235°	-257.584
bx	81	2265°	-251.585
by	82	2295°	-240.186
bz	83	2325°	-223.387
ca	84	2355°	-201.188
cb	85	2385°	-173.589
cc	86	2415°	-140.590
cd	87	2445°	-102.191
ce	88	2475°	-58.392
cf	89	2505°	-9.193
cg	90	2535°	35.406
ch	91	2565°	84.607
ci	92	2595°	127.408
cj	93	2625°	163.809
ck	94	2655°	193.810
cl	95	2685°	217.411
cm	96	2715°	234.612
cn	97	2745°	245.413
co	98	2775°	249.814
cp	99	2805°	247.815
cq	100	2835°	239.416
cr	101	2865°	224.617
cs	102	2895°	203.418
ct	103	2925°	175.819
cu	104	2955°	141.820
cv	105	2985°	102.421
cw	106	3015°	57.622
cx	107	3045°	7.423
cy	108	3075°	-38.176
cz	109	3105°	-97.377
da	110	3135°	-159.978
db	111	3165°	-225.979
dc	112	3195°	-295.380
dd	113	3225°	-368.181
de	114	3255°	-444.382
df	115	3285°	-524.083
dg	116	3315°	-607.284
dh	117	3345°	-694.085
di	118	3375°	-784.486
dj	119	3405°	-878.487
dk	120	3435°	-976.088
dl	121	3465°	-1077.289
dm	122	3495°	-1182.090
dn	123	3525°	-1290.491
do	124	3555°	-1402.492
dp	125	3585°	-1518.093
dq	126	3615°	-1637.294
dr	127	3645°	-1760.095
ds	128	3675°	-1886.496
dt	129	3705°	-2016.497
du	130	3735°	-2150.098
dv	131	3765°	-2287.299
dw	132	3795°	-2428.000
dx	133	3825°	-2572.201
dy	134	3855°	-2720.002
dz	135	3885°	-2871.403
ea	136	3915°	-3026.404
eb	137	3945°	-3185.005
ec	138	3975°	-3347.206
ed	139	4005°	-3513.007
ee	140	4035°	-3682.408
ef	141	4065°	-3855.409
eg	142	4095°	-4032.010
eh	143	4125°	-4212.211
ei	144	4155°	-4396.012
ej	145	4185°	-4583.413
ek	146	4215°	-4774.414
el	147	4245°	-4969.015
em	148	4275°	-5167.216
en	149	4305°	-5369.017
eo	150	4335°	-5574.418
ep	151	4365°	-5783.419
eq	152	4395°	-5996.020
er	153	4425°	-6212.221
es	154	4455°	-6432.022
et	155	4485°	-6655.423
eu	156	4515°	-6882.424
ev	157	4545°	-7113.025
ew	158	4575°	-7347.226
ex	159	4605°	-7585.027
ey	160	4635°	-7826.428
ez	161	4665°	-8071.429
fa	162	4695°	-8320.030
fb	163	4725°	-8572.231
fc	164	4755°	-8828.032
fd	165	4785°	-9087.433
fe	166	4815°	-9350.434
ff	167	4845°	-9617.035
fg	168	4875°	-9887.236
fh	169	4905°	-10161.037
fi	170	4935°	-10438.438
fj	171	4965°	-10719.439
fk	172	4995°	-11004.040
fl	173	5025°	-11292.241
fm	174	5055°	-11584.042
fn	175	5085°	-11879.443
fo	176	5115°	-12178.444
fp	177	5145°	-12481.045
fq	178	5175°	-12787.246
fr	179	5205°	-13097.047
fs	180	5235°	-13410.448
ft	181	5265°	-13727.449
fu	182	5295°	-14048.050
fv	183	5325°	-14372.251
fw	184	5355°	-14700.052
fx	185	5385°	-15031.453
fy	186	5415°	-15366.454
fz	187	5445°	-15705.055
ga	188	5475°	-16047.256
gb	189	5505°	-16393.057
gc	190	5535°	-16742.458
gd	191	5565°	-17095.459
ge	192	5595°	-17452.060
gf	193	5625°	-17812.261
gg	194	5655°	-18176.062
gh	195	5685°	-18543.463
gi	196	5715°	-18914.464
gj	197	5745°	-19289.065
gk	198	5775°	-19667.266
gl	199	5805°	-20049.067
gm	200	5835°	-20434.468

Area of the triangle = 1/2 * a * b * sin(C)

Area of the triangle = 1/2 * 5 * 7 * sin(60°)

Area of the triangle = 15.691

43 supposed to be a ♀

No. 20-43

Date

VII/60

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	49 - 161.7	
2	40 132.0	
3	34 112.2	
4	47 155.1	
5	36 118.8	
6	37 122.1	
7	45 148.5	
8	45 148.5	
9	43 141.9	
10	43 141.9	
T	1382.7	
\bar{x}	138.3	

Sertoli Cells: seen

Remarks:

? layer ~ 33.0 μ

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

No. 20-75 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	10 - 33.0
2	53 174.9	18 59.4
3	58 191.4	13 42.9
4	52 171.6	9 29.7
5	58 191.4	14 46.2
6	55 181.5	10 33.0
7	58 191.4	15 49.5
8	57 188.1	15 49.5
9	57 188.1	15 49.5
10	53 174.9	18 59.4
T	1808.4	452.1
\bar{x}	180.8	45.2

Sertoli Cells: seen

Remarks: _____

3 layers = 13.2 μ

12.2

John Doe

1912

General Ledger

Interest on Cell		Interest on Cell		Interest on Cell	
with interest		with interest		with interest	
1	100.00	1	100.00	1	100.00
2	100.00	2	100.00	2	100.00
3	100.00	3	100.00	3	100.00
4	100.00	4	100.00	4	100.00
5	100.00	5	100.00	5	100.00
6	100.00	6	100.00	6	100.00
7	100.00	7	100.00	7	100.00
8	100.00	8	100.00	8	100.00
9	100.00	9	100.00	9	100.00
10	100.00	10	100.00	10	100.00
11	100.00	11	100.00	11	100.00
12	100.00	12	100.00	12	100.00

General Ledger

Interest:

1912

No. 20-47 Date V/6/61
6
 Spermatogenic Condition crit. n

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 - 138.6	11 36.3
2		46 151.8	9 29.7
3		57 188.1	10 33.0
4		49 161.7	15 49.5
5		43 141.9	8 26.4
6		41 135.3	11 36.3
7		45 148.5	15 49.5
8		49 161.7	11 36.3
9		45 148.5	10 33.0
10		57 188.1	11 36.3
T		1564.2	346.3
\bar{x}		156.4	36.6

Sertoli Cells: seen

Remarks: _____

? layers 29.7 μ

dy

No. 20-48 Date 4/6/61

Spermatogenic Condition 7

	Seminiferous ⁽²⁾		Seminiferous epith. height
	Interstitial Cell nuclear diam.	tubule diam.	
1		33 - 108.9	
2		40 132.0	
3		30 99.0	
4		33 108.9	
5		32 105.6	
6		40 132.0	
7		39 128.7	
8		29 95.7	
9		36 118.8	
10		33 108.9	
T		1138.5	
\bar{x}		113.8	

Sertoli Cells: seen

Remarks: ? layer ~ 108.9 μ thick

No. 212-49 Date 4/6/61

Spermatogenic Condition 7

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1			62 - 207.6		12 - 39.6	
2			55 - 181.5		17 - 56.1	
3			44 - 145.2		15 - 49.5	
4			47 - 155.1		15 - 49.5	
5			44 - 145.2		11 - 36.3	
6			49 - 161.7		14 - 46.2	
7			51 - 168.3		11 - 36.3	
8			48 - 158.4		15 - 49.5	
9			50 - 165.0		16 - 52.8	
10			55 - 181.5		13 - 42.9	
T			1666.5		458.7	
\bar{x}			166.6		45.9	

Sertoli Cells: seen

Remarks: tubules separated

no debris or sperm in lumen

? layer = 16.5 μ

No. 20-51 Date 4/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 - 174.9	20 - 66.0
2	50 165.0	15 49.5
3	38 125.4	16 52.8
4	52 171.6	17 56.1
5	49 161.7	12 39.6
6	45 148.5	7 23.1
7	42 138.6	14 46.2
8		
9		
10		
T	1085.7	333.3
\bar{x}	155.1	47.6

Sertoli Cells: seen

Remarks: some tubules seem to contain
cysts of some sort
? layer 16.5 μ

The following table shows the results of the experiments conducted on the 15th and 16th of May 1881.

Time of day	Direction of wind	Force of wind	Direction of current	Force of current
10.0	SE	3-4	SE	1-2
11.0	SE	3-4	SE	1-2
12.0	SE	3-4	SE	1-2
13.0	SE	3-4	SE	1-2
14.0	SE	3-4	SE	1-2
15.0	SE	3-4	SE	1-2
16.0	SE	3-4	SE	1-2
17.0	SE	3-4	SE	1-2
18.0	SE	3-4	SE	1-2
19.0	SE	3-4	SE	1-2
20.0	SE	3-4	SE	1-2
21.0	SE	3-4	SE	1-2
22.0	SE	3-4	SE	1-2
23.0	SE	3-4	SE	1-2
24.0	SE	3-4	SE	1-2
25.0	SE	3-4	SE	1-2
26.0	SE	3-4	SE	1-2
27.0	SE	3-4	SE	1-2
28.0	SE	3-4	SE	1-2
29.0	SE	3-4	SE	1-2
30.0	SE	3-4	SE	1-2

The results of the experiments show that the wind and current are generally in the same direction, and that the force of the wind is generally greater than the force of the current.

The following table shows the results of the experiments conducted on the 15th and 16th of May 1881.

No. 20-52

Date

10/6/61Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	
2	37 122.1	
3	27 89.1	
4	31 102.3	
5	36 118.8	
6	29 95.7	
7	41 135.3	
8	34 112.2	
9	34 112.2	
10	31 102.3	
T	1122.0	
\bar{x}	112.2	

Sertoli Cells: seen

Remarks:

? layer 19.8 μ

nucleus diam.	tubule diam.	epith. height
1	40	1.25
2	35	1.25
3	35	1.25
4	35	1.25
5	35	1.25
6	35	1.25
7	35	1.25
8	35	1.25
9	35	1.25
10	35	1.25
T	11.5	
\bar{x}	11.5	

Sertoli Cells:

Remarks:

Handwritten notes

No. 20-53

Date

VI/61Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	32 - 105.6	
2	42 138.6	
3	40 132.0	
4	30 99.0	
5	28 92.4	
6	30 99.0	
7	34 112.2	
8	33 108.9	
9	29 95.7	
10	30 99.0	
T	1082.4	
\bar{x}	108.2	

Sertoli Cells: seenRemarks: sperm development w/ no
lumen? layer = 13.2 μ

No. 20-55Date VI/6/61Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1			59 - 194.7		17 - 56.1	
2			51 168.3		15 49.5	
3			45 148.5		14 46.2	
4			69 227.7		15 49.5	
5			52 171.6		14 46.2	
6			59 194.7		13 42.9	
7			64 211.2		23 75.9	
8			69 227.7		19 62.7	
9			46 151.8		15 49.5	
10			47 155.1		12 39.6	
T			1851.3		518.1	
\bar{x}			185.1		51.8	

Sertoli Cells: seenRemarks: ? layer 2.9 μ thick

No. 20-54 Date 11/6/61

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1			53 - 174.9		11 - 36.3	
2			64 211.2		17 56.1	
3			61 201.3		8 26.4	
4			52 165.0		11 34.3	
5			74 244.2		19 62.7	
6			63 207.9		11 36.3	
7			60 198.0		14 46.2	
8			54 178.2		16 52.8	
9			57 188.1		11 36.3	
10			60 198.0		10 33.0	
T			1966.8		422.4	
\bar{x}			196.7		42.2	

Sertoli Cells: seen

Remarks: _____

? layer 19.8 μ

supposed to be a ♀

No. 20-54 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	58 - 224.4	20 - 66.0
2	62 204.6	13 42.9
3	49 161.7	10 33.0
4	49 161.7	12 39.6
5	59 194.7	11 36.3
6	51 168.3	16 52.8
7	56 184.8	10 33.0
8	52 171.6	9 29.7
9	54 178.2	14 46.2
10	58 191.4	19 62.7
T	1841.4	442.2
\bar{x}	184.1	44.2

Sertoli Cells: _____

Remarks: poor stain

? layer = 46.24

No. 20-59 Date 10/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ² tubule diam.	Seminiferous epith. height
1	78 - 257.4	14 - 52.8
2	65 214.5	15 49.5
3	60 198.0	21 69.3
4	67 221.1	26 85.8
5	78 257.4	19 62.7
6	71 234.3	18 59.4
7	63 207.9	15 49.5
8	71 234.3	24 79.2
9	65 214.5	17 56.1
10	60 198.0	18 59.4
T	2237.4	623.7
\bar{x}	223.7	62.4

Sertoli Cells: seen

Remarks: _____



No. 20-62 Date 10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	54 - 178.2	16 - 52.8
2	64 211.2	13 42.9
3	60 198.0	19 62.7
4	80 264.0	14 46.2
5	71 234.3	16 52.8
6	62 204.6	17 56.1
7	64 211.2	15 49.5
8	50 165.0	15 49.5
9	58 191.4	10 33.0
10	53 174.9	11 36.3
T	2032.8	481.8
\bar{x}	203.3	48.2

Sertoli Cells: seen

Remarks: _____

? layer 23.1 μ

No. 20-63Date 10/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	42 - 138.6	14 - 46.2
2	42 138.6	10 33.0
3	52 171.6	13 42.9
4	51 168.3	13 42.9
5	52 171.6	18 59.4
6	61 201.3	14 46.2
7	50 165.0	15 49.5
8	53 174.9	11 36.3
9	50 145.0	5 16.5
10	50 184.8	17 56.1
T	1679.7	429.0
\bar{x}	168.0	42.9

Sertoli Cells: _____

Remarks: pen stain

— 54/10 —

Interval Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 125	11 - 25
2	45 - 125	10 - 20
3	45 - 125	13 - 25
4	45 - 125	12 - 25
5	45 - 125	10 - 25
6	45 - 125	11 - 25
7	45 - 125	11 - 25
8	45 - 125	11 - 25
9	45 - 125	11 - 25
10	45 - 125	11 - 25
T	45 - 125	45 - 125
\bar{x}	45 - 125	45 - 125

Serial Cells: _____

Remarks: _____

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

No. 20-64 Date 10/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	14 - 46.2
2	30 99.0	7 23.1
3	36 118.8	12 39.6
4	45 148.5	7 23.1
5	52 171.6	7 23.1
6	45 148.5	10 33.0
7	47 155.1	14 46.2
8	39 128.7	11 36.3
9	37 122.1	7 23.1
10	39 128.7	9 29.7
T	1343.1	323.4
\bar{x}	134.3	32.3

Sertoli Cells: seenRemarks: tubules widely separated
? layer 29.7 μ

12/15/00

[illegible]

Interval	Time	Location	Remarks
1	10:00	1000	1000
2	10:10	1000	1000
3	10:20	1000	1000
4	10:30	1000	1000
5	10:40	1000	1000
6	10:50	1000	1000
7	11:00	1000	1000
8	11:10	1000	1000
9	11:20	1000	1000
10	11:30	1000	1000
11	11:40	1000	1000
12	11:50	1000	1000
13	12:00	1000	1000
14	12:10	1000	1000
15	12:20	1000	1000
16	12:30	1000	1000
17	12:40	1000	1000
18	12:50	1000	1000
19	13:00	1000	1000
20	13:10	1000	1000
21	13:20	1000	1000
22	13:30	1000	1000
23	13:40	1000	1000
24	13:50	1000	1000
25	14:00	1000	1000
26	14:10	1000	1000
27	14:20	1000	1000
28	14:30	1000	1000
29	14:40	1000	1000
30	14:50	1000	1000
31	15:00	1000	1000
32	15:10	1000	1000
33	15:20	1000	1000
34	15:30	1000	1000
35	15:40	1000	1000
36	15:50	1000	1000
37	16:00	1000	1000
38	16:10	1000	1000
39	16:20	1000	1000
40	16:30	1000	1000
41	16:40	1000	1000
42	16:50	1000	1000
43	17:00	1000	1000
44	17:10	1000	1000
45	17:20	1000	1000
46	17:30	1000	1000
47	17:40	1000	1000
48	17:50	1000	1000
49	18:00	1000	1000
50	18:10	1000	1000
51	18:20	1000	1000
52	18:30	1000	1000
53	18:40	1000	1000
54	18:50	1000	1000
55	19:00	1000	1000
56	19:10	1000	1000
57	19:20	1000	1000
58	19:30	1000	1000
59	19:40	1000	1000
60	19:50	1000	1000
61	20:00	1000	1000
62	20:10	1000	1000
63	20:20	1000	1000
64	20:30	1000	1000
65	20:40	1000	1000
66	20:50	1000	1000
67	21:00	1000	1000
68	21:10	1000	1000
69	21:20	1000	1000
70	21:30	1000	1000
71	21:40	1000	1000
72	21:50	1000	1000
73	22:00	1000	1000
74	22:10	1000	1000
75	22:20	1000	1000
76	22:30	1000	1000
77	22:40	1000	1000
78	22:50	1000	1000
79	23:00	1000	1000
80	23:10	1000	1000
81	23:20	1000	1000
82	23:30	1000	1000
83	23:40	1000	1000
84	23:50	1000	1000
85	00:00	1000	1000
86	00:10	1000	1000
87	00:20	1000	1000
88	00:30	1000	1000
8			

101101 110110

but no other policy will do.

Net Present Value

No. 20-66 Date V/02

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	70 - 231.0	10 - 33.0
2	60 198.0	16 52.8
3	65 214.5	11 36.3
4	58 165.0	10 33.0
5	60 198.0	13 42.9
6	52 171.6	14 46.2
7	63 207.9	12 39.6
8	73 240.9	15 - 49.5
9	72 237.6	18 59.4
10	76 250.8	15 49.5
T	2115.3	442.2
\bar{x}	211.5	44.2

Sertoli Cells: seen

Remarks: _____

? layer ~ 39.6 μ

E = 33.0 μ (3)

No. 20-68 Date 11/6/62

Spermatogenic Condition 7

	Interstitial Cell		Seminiferous	
	nuclear diam.	tubule diam.	epith. height	
1		73 - 240.9	7	23.1
2		55 181.5	21	69.3
3		51 168.3	7	23.1
4		49 161.7	9	29.7
5		48 158.4	14	46.2
6		47 155.1	13	42.9
7		57 188.1	10	33.0
8		76 250.8	15	49.5
9				
10				
T		1509.8		316.8
\bar{x}		188.1		39.6

Sertoli Cells: seen

Remarks: _____

? layer = 115.5 μ

Date			Time			Remarks
Day	Month	Year	Hour	Min	Sec	
1	1	1900	10	00	00	At sea
2	1	1900	10	00	00	At sea
3	1	1900	10	00	00	At sea
4	1	1900	10	00	00	At sea
5	1	1900	10	00	00	At sea
6	1	1900	10	00	00	At sea
7	1	1900	10	00	00	At sea
8	1	1900	10	00	00	At sea
9	1	1900	10	00	00	At sea
10	1	1900	10	00	00	At sea
11	1	1900	10	00	00	At sea
12	1	1900	10	00	00	At sea
13	1	1900	10	00	00	At sea
14	1	1900	10	00	00	At sea
15	1	1900	10	00	00	At sea
16	1	1900	10	00	00	At sea
17	1	1900	10	00	00	At sea
18	1	1900	10	00	00	At sea
19	1	1900	10	00	00	At sea
20	1	1900	10	00	00	At sea
21	1	1900	10	00	00	At sea
22	1	1900	10	00	00	At sea
23	1	1900	10	00	00	At sea
24	1	1900	10	00	00	At sea
25	1	1900	10	00	00	At sea
26	1	1900	10	00	00	At sea
27	1	1900	10	00	00	At sea
28	1	1900	10	00	00	At sea
29	1	1900	10	00	00	At sea
30	1	1900	10	00	00	At sea
31	1	1900	10	00	00	At sea

No. 20-72Date 11/62Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		50 - 165.0	11 - 36.3	
2		43 141.9	9 29.7	
3		56 184.8	11 36.3	
4		65 214.5	19 62.7	
5		43 141.9	15 49.5	
6		45 148.5	10 33.0	
7		57 168.3	8 26.4	
8		58 191.4	14 46.2	
9		57 168.3	10 33.0	
10		48 158.4	13 42.9	
T		1682.3	396.0	
\bar{x}		168.2	39.6	

Sertoli Cells: seenRemarks: ?layer 42.9 μ $E = 23.1 \mu$

(3)

No. 20-73

Date _____

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells:

Remarks:

$$E = 16.5 \mu$$

4

THE UNIVERSITY OF CHICAGO

NAME OF STUDENT	NAME OF INSTRUCTOR	NAME OF COURSE	GRADE
			A
			B
			C
			D
			E
			F
			G
			H
			I
			J
			K
			L
			M
			N
			O
			P
			Q
			R
			S
			T
			U
			V
			W
			X
			Y
			Z

Signature of Student: _____

Signature of Instructor: _____

Date: _____

No. 20-76 Date V/62

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.	tubule diam.	epith. height			
1		57. 188.1	10	33.0		
2		54 178.2	20	66.0		
3		46 151.8	10	33.0		
4		51 168.3	11	36.3		
5		50 165.0	10	33.0		
6		48 158.4	12	39.6		
7		48 158.4	11	36.3		
8		44 145.2	13	42.9		
9		57 188.1	19	62.7		
10		43 141.9	12	39.6		
T		1643.4		422.4		
\bar{x}		164.3		42.2		

Sertoli Cells: seen?

Remarks: _____

1. The first part of the report is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

Date		Description of work done		Remarks
Month	Day	Particulars	Amount	
Jan	1	Balance forward	100.00	
Jan	15	Received from A. B. C.	25.00	
Jan	30	Received from D. E. F.	15.00	
Feb	1	Received from G. H. I.	10.00	
Feb	15	Received from J. K. L.	20.00	
Feb	28	Received from M. N. O.	12.00	
Mar	1	Received from P. Q. R.	18.00	
Mar	15	Received from S. T. U.	22.00	
Mar	31	Received from V. W. X.	14.00	
Apr	1	Received from Y. Z. A.	16.00	
Apr	15	Received from B. C. D.	24.00	
Apr	30	Received from E. F. G.	11.00	
May	1	Received from H. I. J.	19.00	
May	15	Received from K. L. M.	21.00	
May	31	Received from N. O. P.	13.00	
Jun	1	Received from Q. R. S.	17.00	
Jun	15	Received from T. U. V.	23.00	
Jun	30	Received from W. X. Y.	15.00	
Jul	1	Received from Z. A. B.	18.00	
Jul	15	Received from C. D. E.	25.00	
Jul	31	Received from F. G. H.	12.00	
Aug	1	Received from I. J. K.	20.00	
Aug	15	Received from L. M. N.	22.00	
Aug	31	Received from O. P. Q.	14.00	
Sep	1	Received from R. S. T.	16.00	
Sep	15	Received from U. V. W.	24.00	
Sep	30	Received from X. Y. Z.	11.00	
Oct	1	Received from A. B. C.	19.00	
Oct	15	Received from D. E. F.	21.00	
Oct	31	Received from G. H. I.	13.00	
Nov	1	Received from J. K. L.	17.00	
Nov	15	Received from M. N. O.	23.00	
Nov	30	Received from P. Q. R.	15.00	
Dec	1	Received from S. T. U.	18.00	
Dec	15	Received from V. W. X.	25.00	
Dec	31	Received from Y. Z. A.	12.00	
Total			1000.00	

The second part of the report is a detailed statement of the work done during the year. It is a full and complete statement of the results of the work, and is intended to give a full and complete impression of the progress made.

The third part of the report is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

The fourth part of the report is a detailed statement of the work done during the year. It is a full and complete statement of the results of the work, and is intended to give a full and complete impression of the progress made.

No. 20-79Date 11/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	15 49.5
2	69 227.7	20 66.0
3	72 237.6	15 49.5
4	65 214.5	11 36.3
5	57 184.8	15 49.5
6		
7		
8		
9		
10		
T	1079.1	250.8
\bar{x}	215.8	50.2

Sertoli Cells: seenRemarks: very small piece $E = 33.0 \mu$

(3)

No. 20-81 Date V/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63 - 207.9	10 - 33.0
2	58 191.4	10 33.0
3	78 257.4	15 49.5
4	78 257.4	14 46.2
5	60 198.0	12 39.6
6	67 221.1	15 49.5
7	43 141.9	10 33.0
8	56 184.8	15 49.5
9	46 151.8	7 23.1
10	56 184.8	8 26.4
T	1996.1	382.8
\bar{x}	199.6	38.3

Sertoli Cells: seenRemarks: tubules separating

No. 20-82Date 1/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 - 181.5	16 - 52.8
2	51 168.3	11 36.3
3	42 138.6	10 33.0
4	57 188.1	13 42.9
5	53 181.5	20 66.0
6	57 188.1	16 52.8
7	60 198.0	10 33.0
8	48 158.4	13 42.9
9		
10		
T	1402.5	359.7
\bar{x}	175.3	45.0

Sertoli Cells: seenRemarks: _____

No. 20-83Date V/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	64 - 211.2	15 - 49.5
2	63 207.9	11 36.3
3	52 171.6	9 29.7
4	67 221.1	18 59.4
5	74 244.2	15 49.5
6	72 237.6	15 49.5
7	62 204.6	22 72.6
8	60 198.0	15 49.5
9	57 188.1	19 62.7
10	49 161.7	9 29.7
T	2046.0	4188.4
\bar{x}	204.6	48.8

Sertoli Cells: seenRemarks: ? larger 49.5 μ thick

2007

1

1

1

•

1



No. 20-84

Date

11/62

Spermatogenic Condition

6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	14 46.2
2	44 145.2	13 42.9
3	53 174.9	11 36.3
4	50 165.0	10 33.0
5	37 122.1	12 39.6
6	52 171.6	9 29.7
7	44 145.2	11 36.3
8	35 115.5	10 33.0
9	45 148.5	10 33.0
10	42 138.6	14 46.2
T	1481.7	376.2
\bar{x}	148.2	37.6

Sertoli Cells: seen

Remarks:

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

No. 20-85 Date 4/6/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50 - 165.0	9 - 29.7
2	50 165.0	13 42.9
3	61 201.3	10 33.0
4	54 178.2	13 42.9
5	52 171.6	12 39.6
6	52 171.6	8 26.4
7	60 198.0	14 46.2
8	47 155.1	10 33.0
9	60 198.0	9 29.7
10	56 184.8	10 33.0
T	1788.6	356.4
\bar{x}	178.9	35.6

Sertoli Cells: seen

Remarks: tubules separated

? layer 39.6 μ

No. 20-86Date 1/6/62Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	55	181.5	12	39.6
2	57	168.3	10	33.0
3	52	171.6	12	39.6
4	62	204.6	15	49.5
5	60	198.0	12	39.6
6	65	214.5	15	49.5
7	53	174.9	16	52.8
8	41	135.3	9	29.7
9	45	148.5	9	29.7
10	55	181.5	12	39.6
T	1778.7		402.6	
\bar{x}	177.9		40.3	

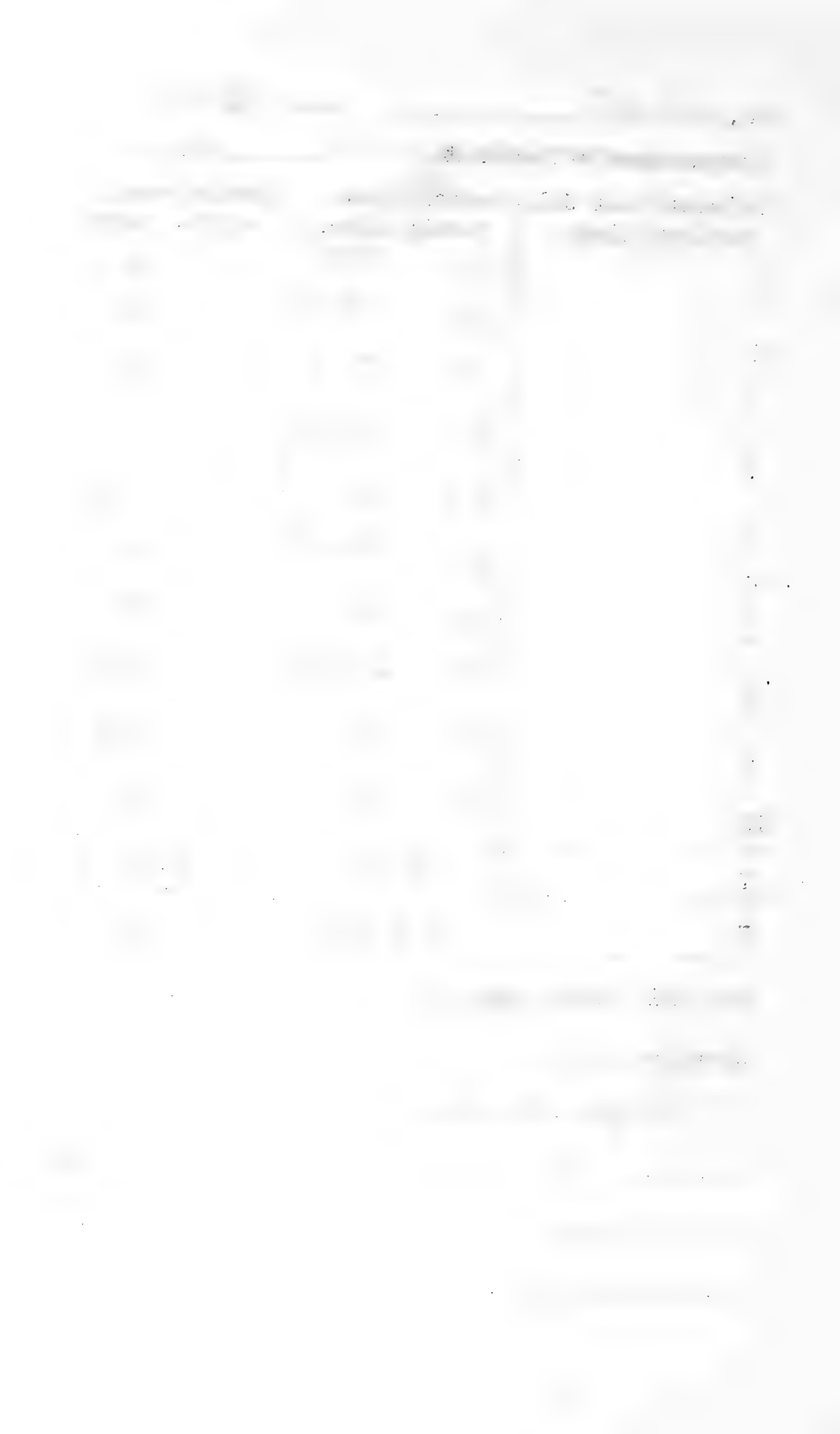
Sertoli Cells: seenRemarks: ?layer = 19.8 μ



No. 20-87Date V/62Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.	tubule diam.	nuclear diam.	tubule diam.	epith. height	tubule diam.
1		55	181.5		17	56.1
2		54	178.2		12	39.6
3		58	191.4		12	39.6
4		60	198.0		12	39.6
5		55	181.5		15	49.5
6		61	201.3		10	33.0
7		52	184.8		16	52.8
8		71	234.3		10	33.0
9		54	178.2		10	33.0
10		61	201.3		19	62.7
T			1930.5			438.9
\bar{x}			193.0			43.9

Sertoli Cells: seenRemarks: ?Layer 36.3 μ



No. 20-88 Date 4/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	60 - 198.0	10 - 33.0
2	39 128.7	12 39.6
3	40 132.0	10 33.0
4	48 158.4	8 26.4
5	37 122.1	12 39.6
6	48 158.4	10 33.0
7	54 178.2	12 39.6
8	47 155.1	8 26.4
9	52 171.6	13 42.9
10	46 151.8	11 36.3
T	1554.3	349.8
\bar{x}	155.4	35.0

Sertoli Cells: seen

Remarks: _____

Geological Correlation

Interval Cell number	Interval Cell number	Seminarium triple diam.	Seminarium triple diam.
1	1	12.5	12.5
2	2	12.5	12.5
3	3	12.5	12.5
4	4	12.5	12.5
5	5	12.5	12.5
6	6	12.5	12.5
7	7	12.5	12.5
8	8	12.5	12.5
9	9	12.5	12.5
10	10	12.5	12.5
11	11	12.5	12.5
12	12	12.5	12.5
13	13	12.5	12.5
14	14	12.5	12.5
15	15	12.5	12.5
16	16	12.5	12.5
17	17	12.5	12.5
18	18	12.5	12.5
19	19	12.5	12.5
20	20	12.5	12.5
21	21	12.5	12.5
22	22	12.5	12.5
23	23	12.5	12.5
24	24	12.5	12.5
25	25	12.5	12.5
26	26	12.5	12.5
27	27	12.5	12.5
28	28	12.5	12.5
29	29	12.5	12.5
30	30	12.5	12.5
31	31	12.5	12.5
32	32	12.5	12.5
33	33	12.5	12.5
34	34	12.5	12.5
35	35	12.5	12.5
36	36	12.5	12.5
37	37	12.5	12.5
38	38	12.5	12.5
39	39	12.5	12.5
40	40	12.5	12.5
41	41	12.5	12.5
42	42	12.5	12.5
43	43	12.5	12.5
44	44	12.5	12.5
45	45	12.5	12.5
46	46	12.5	12.5
47	47	12.5	12.5
48	48	12.5	12.5
49	49	12.5	12.5
50	50	12.5	12.5
51	51	12.5	12.5
52	52	12.5	12.5
53	53	12.5	12.5
54	54	12.5	12.5
55	55	12.5	12.5
56	56	12.5	12.5
57	57	12.5	12.5
58	58	12.5	12.5
59	59	12.5	12.5
60	60	12.5	12.5
61	61	12.5	12.5
62	62	12.5	12.5
63	63	12.5	12.5
64	64	12.5	12.5
65	65	12.5	12.5
66	66	12.5	12.5
67	67	12.5	12.5
68	68	12.5	12.5
69	69	12.5	12.5
70	70	12.5	12.5
71	71	12.5	12.5
72	72	12.5	12.5
73	73	12.5	12.5
74	74	12.5	12.5
75	75	12.5	12.5
76	76	12.5	12.5
77	77	12.5	12.5
78	78	12.5	12.5
79	79	12.5	12.5
80	80	12.5	12.5
81	81	12.5	12.5
82	82	12.5	12.5
83	83	12.5	12.5
84	84	12.5	12.5
85	85	12.5	12.5
86	86	12.5	12.5
87	87	12.5	12.5
88	88	12.5	12.5
89	89	12.5	12.5
90	90	12.5	12.5
91	91	12.5	12.5
92	92	12.5	12.5
93	93	12.5	12.5
94	94	12.5	12.5
95	95	12.5	12.5
96	96	12.5	12.5
97	97	12.5	12.5
98	98	12.5	12.5
99	99	12.5	12.5
100	100	12.5	12.5

Geological Correlation

Remarks:

No. 20-94 Date VIII/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	55 - 181.5	17 - 56.1
2	59 194.7	18 59.4
3	71 234.3	13 42.9
4	58 191.4	13 42.9
5	51 168.3	13 42.9
6	65 214.5	8 26.4
7	48 158.4	15 49.5
8	60 198.0	13 42.9
9	56 184.8	18 59.4
10	55 181.5	11 36.3
T	1907.4	458.7
\bar{x}	190.7	45.9

Sertoli Cells: seen

Remarks: small piece

No. 20-95Date VIII/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	25 - 82.5	6 - 19.8
2	24 79.2	6 19.8
3	23 75.9	5 - 16.5
4	22 72.6	6 19.8
5	22 72.6	6 19.8
6	23 75.9	8 24.4
7	25 82.5	7 23.1
8	25 82.5	7 23.1
9	25 82.5	7 23.1
10	22 72.6	6 19.8
T	778.8	211.2
\bar{x}	77.9	21.1

Sertoli Cells: seenRemarks: tubules 1 cell layer thick
? layer 39.6 μ

Subject: _____

Sl. No.	Name	Roll No.	Grade	Section
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Signature: _____

Date: _____

No. 20-98Date VIII/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	29 95.7	8 26.4
2	30 96.0 99.0	8 26.4
3	29 95.7	10 33.0
4	31 102.3	7 23.1
5	29 95.7	8 26.4
6	31 102.3	10 33.0
7	23 75.9	9 29.7
8	27 89.1	9 29.7
9	24 85.8	7 23.1
10	33 108.9	9 29.7
T	950.4	280.5
\bar{x}	95.0	28.0

Sertoli Cells: seenRemarks: tubules 1 cell layer thick
? layer = 92.4 μ thick

No. 20-99 Date 1X/42

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	15 - 49.5	
2	13 42.9	
3	12 39.6	
4	13 42.9	
5	15 49.5	
6	13 42.9	
7	12 39.6	
8	14 46.2	
9	16 52.8	
10	10 33.0	
T	438.9	
\bar{x}	43.9	

Sertoli Cells: seen

Remarks: very small piece

No. 20-100 Date 14/63
5

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	81 - 267.3	22 - 72.6
2	85 280.5	18 59.4
3	65 214.5	17 56.1
4	67 221.1	21 69.3
5	58 191.4	19 62.7
6	66 217.8	23 75.9
7	60 198.0	12 39.6
8	67 221.1	21 69.3
9	69 227.7	20 66.0
10	64 211.2	14 52.8
T	2250.6	623.7
\bar{x}	225.1	62.4

Sertoli Cells: seen

Remarks: _____

? layer = 49.5 μ

No. 20-104 Date 11/6/63

Spermatogenic Condition 9

	Seminiferous		Seminiferous
	Interstitial Cell nuclear diam.	tubule diam.	epith. height
1		27 - 89.1	
2		31 102.3	
3		30 99.0	
4		29 95.7	
5		30 99.0	
6		31 102.3	
7		26 85.8	
8		25 82.5	
9		25 82.5	
10		39 128.7	
T		966.9	
\bar{x}		96.7	

Sertoli Cells: seen

Remarks: _____

10/10/1914

10/10/1914

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No. 20-106 Date 4/63

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	31 - 102.3	
2	28 92.4	
3	33 108.9	
4	30 99.0	
5	23 75.9	
6	26 85.8	
7	23 75.9	
8	24 79.2	
9	30 99.0	
10	21 69.3	
T	887.7	
\bar{x}	88.8	

Sertoli Cells: seen

Remarks: _____

1. *Phragmites* (common)

No. 20-107

Date

4/6/63Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.9	19 - 62.7
2	43 141.9	18 33.0
3	43 141.9	11 36.3
4	39 128.7	15 49.5
5	45 148.5	14 46.2
6	52 171.6	15 49.5
7	45 148.5	11 36.3
8	43 141.9	11 36.3
9	48 158.4	20 66.0
10	46 151.8	15 49.5
T	1491.6	465.3
\bar{x}	149.2	46.5

Sertoli Cells: seen

Remarks:

3 layers 19.8 μ

No. 20-108 Date 11/6/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30 - 99.0	
2	26 85.8	
3	31 102.3	
4	31 102.3	
5	30 99.0	
6	36 118.8	
7	33 108.9	
8	30 99.0	
9	29 95.7	
10	36 118.8	
T	1029.6	
\bar{x}	103.0	

Sertoli Cells: seen

Remarks: _____

1. The following table shows the number of people who attended the concert on each day of the week.

Day of the week	Number of people	Percentage of total
Monday	100	10%
Tuesday	150	15%
Wednesday	200	20%
Thursday	250	25%
Friday	300	30%
Saturday	350	35%
Sunday	400	40%
Total	1000	100%

The total number of people who attended the concert was 1000. The percentage of people who attended on each day of the week is shown in the table above.

The number of people who attended the concert on each day of the week is shown in the table above. The percentage of people who attended on each day of the week is shown in the table above.

The number of people who attended the concert on each day of the week is shown in the table above. The percentage of people who attended on each day of the week is shown in the table above.

The number of people who attended the concert on each day of the week is shown in the table above. The percentage of people who attended on each day of the week is shown in the table above.

The number of people who attended the concert on each day of the week is shown in the table above. The percentage of people who attended on each day of the week is shown in the table above.

No. 20-111Date V/639Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	35 - 115.5	
2	26 85.8	
3	28 92.4	
4	37 122.1	
5	33 108.9	
6	36 118.8	
7	29 95.7	
8	35 115.5	
9	41 135.3	
10	34 112.2	
T	1102.2	
\bar{x}	110.2	

Sertoli Cells: seenRemarks: ? layer mostly 1 cell thick

No. 20211

Date 11/23

Spermatogenic Condition

1	Interstitial Cell Seminal nuclear diam.	tubule diam.	Seminal epith. height
2	34	82.8	
3	38	95.4	
4	37	125.1	
5	33	108.4	
6	36	118.8	
7	34	92.7	
8	32	117.7	
9	41	132.3	
10	34	115.5	
T		110.5	
x		110.5	

Sertoli Cells: none

Remarks:

Large nuclei, 1 cell thick

